

County Council of Durham



ANNUAL REPORT

OF THE

Medical Officer of Health

AND

OTHER RECORDS FOR THE YEAR

1961

GEORGE WILSON, M.B., B.S., B.Hy., D.P.H.

County Medical Officer of Health

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COUNTY COUNCIL OF DURHAM

To the Chairman and Members of the County Council of Durham.

Ladies and Gentlemen,

I beg to submit my annual report on the health of the administrative county and the work of the County Health Department for the year 1961.

The birth-rate and death rate again remain stable. I am pleased to draw attention to the following rates, each of which is the lowest for this administrative county — maternal mortality 0.39 per 1,000 total births, infant mortality 23 per 1,000 total births and stillbirths 22.2 per 1,000 total births. The corresponding rates for the year 1931 were maternal mortality 6.46, infant mortality 85 and stillbirth 43.9.

Under schemes of delegation made under the Local Government Act, 1958, the Borough of Stockton-on-Tees and the Rural District of Easington were given powers to administer certain health and welfare functions on behalf of the County Council with effect from the 1st April. Statistics in respect of the delegated areas are included in totals for the administrative county and, where applicable, are shown separately for the full year.

I welcome another opportunity of thanking members of the Health Department staff for their assistance during the year, and the Chairman and Members of the Health Committee for their continued support.

I have the honour to be,

Ladies and Gentlemen,

Your obedient Servant,

GEORGE WILSON.

County Health Department,
Shire Hall,
DURHAM.
Tel. No. 4411.
October, 1962.

STAFF OF THE COUNTY HEALTH DEPARTMENT.

COUNTY MEDICAL OFFICER OF HEALTH.

George Wilson, M.B., B.S., B.Hy., D.P.H.

DEPUTY COUNTY MEDICAL OFFICER OF HEALTH.

S. Ludkin, M.D., D.P.H.

SENIOR WELFARE MEDICAL OFFICER.

M. T. McFadden, M.B., B.Ch., B.A.O., D.P.H.

ASSISTANT WELFARE MEDICAL OFFICERS

L. R. Benham, M.B., B.S., D.P.H. (part-time).

E. Burbridge, M.R.C.S., L.R.C.P. (part-time), resigned 31.8.61.

W. J. Coates, M.B., Ch.B., D.Obst., R.C.O.G. (part-time).

M. M. Copland, M.B., Ch.B.

D. Crawshaw, M.B., Ch.B.

J. Dabrowska, M.B., Ch.B.

M. M. Dickinson, M.R.C.S., L.R.C.P.

A. J. M. Gilruth, B.Sc., M.B., Ch.B., D.Obst., R.C.O.G., D.C.H.

*M. E. Hegarty, M.B., B.Ch., B.A.O.

J. M. Hegarty, M.B., B.Ch., B.A.O., D.P.H. (part-time).

E. J. Leckie, M.B., Ch.B. (part-time).

G. A. Macgregor, M.D., D.P.H. (part-time).

F. L. Mitchell, M.B., Ch.B., D.C.H.

F. M. Murray, L.R.C.P., L.R.C.S. (temporary), resigned 31.12.61.

M. W. Rodgers, M.B., B.Ch., B.A.O., D.P.H. (part-time).

L. Ross, M.B., B.S. (temporary).

J. Sherriffs, M.B., Ch.B.

K. M. Stewart, M.B., Ch.B. (part-time).

H. W. Tonge, M.B., Ch.B. (part-time).

A. Wagg, M.B., B.S.

A. S. M. Wilson, L.R.C.P., L.R.C.S., L.R.F.P.S., D.P.H. (part-time), commenced 1.10.61

M. W. Wright, M.B., B.Ch., B.A.O., D.Obst., R.C.O.G. (part-time), resigned 30.9.61.

DENTAL SURGEONS — PART-TIME AT WELFARE CENTRES.

J. Hutchinson, B.D.S., resigned June, 1961.

*Engaged in work of Children Department.

NURSERIES.

4 Matrons.
32 Other staff.

MENTAL HEALTH.

11 Mental Welfare Officers.
1 Social Worker.
1 Home Teacher of the Mentally Handicapped.

TRAINING CENTRES FOR THE MENTALLY SUBNORMAL.

6 Supervisors.
18 Other staff.

DOMESTIC HELP SERVICE.

1 Organiser. 15 Assistant Organisers.

HANDICAPPED PERSONS.

1 Social Worker.
1 Occupational Therapist.

BLIND PERSONS.

17 Home Teachers.

UNSATISFACTORY TENANTS.

1 Social Worker.

AMBULANCE SERVICE.

Ambulance Officer.
3 Staff Officers.
Maintenance Officer.

Central Control Staff.—

4 Supervisors.
6 Control Assistants.
3 Telephonists.
1 Radio Operator.
3 Liaison Officers.
14 Depot Superintendents.
32 Senior Drivers.
240 Driver-Attendants.
4 Depot Telephonists.
4 Mechanics.

WELFARE SERVICES—RESIDENTIAL ACCOMMODATION

4 Superintendents.
14 Matrons.
2 Wardens.
248 Other staff.

STATISTICS.

Area (in acres) .. . . . . . .	..	620,276
Registrar-General's estimate of population, mid-1961 ..	..	955,050
Rateable value as at the 1st April, 1961 .. ..	..	£10,273,404
Sum represented by a penny rate .. .. ..	..	£40,602

<i>Live Births</i>	<i>M.</i>	<i>F.</i>	<i>Total</i>
Legitimate	8,592	8,273	16,865
Illegitimate	284	262	546
	—	—	—
	8,876	8,535	17,411
	—	—	—

Live Birth-rate per 1,000 population .. .. ..	..	18.2
Illegitimate Live Births per cent of total live births .. ..	..	3.1

<i>Still Births</i>	<i>M.</i>	<i>F.</i>	<i>Total</i>
Legitimate	201	177	378
Illegitimate	9	8	17
	—	—	—
	210	185	395
	—	—	—

Still Birth-rate per 1,000 total live and still births	22.2
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<i>Total Births</i>	<i>M.</i>	<i>F.</i>	<i>Total</i>
Live	8,876	8,535	17,411
Still	210	185	395
	—	—	—
	9,086	8,720	1,7806
	—	—	—

Infant Deaths (deaths under 1 year)	407
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Infant Mortality Rates.—

Total infant deaths per 1,000 total live births	23.4
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Legitimate infant deaths per 1,000 legitimate live births	23.4
--	----	------

Illegitimate infant deaths per 1,000 illegitimate live births	27.5
--	----	------

Neo-Natal Mortality Rate per 1,000 total live births	16.3
--	----	------

Early Neo-Natal Mortality Rate per 1,000 total live births	13.8
---	----	------

Perinatal Mortality Rate per 1,000 total live and still births	25.7
---	----	------

Maternal Mortality (including abortion).—

Number of deaths	7
------------------------------	----	----	----	---

Rate per 1,000 total live and still births	0.39
--	----	----	----	------

Deaths and Death Rates from.—

	<i>No. of Deaths.</i>	<i>Rate per 1,000 estimated average population</i>
Cancer	1,895	1.98
Measles	—	—
Whooping Cough	1	0.001
Diarrhoea (under 2 years of age) ..	6	0.006
Scarlet Fever	—	—
Diphtheria	—	—
Typhoid and Paratyphoid ..	—	—

COMMITTEES.

The administration of matters affecting public health and of the National Health Service Acts, 1946-1952, and the National Assistance Acts, 1948 and 1951 in so far as they affect the County Council, devolve upon the Health Committee. In connection with the administration of the National Health Service Acts the following standing committees have been established.—

Maternity and Child Welfare
 Ambulances
 Midwifery, Home Nursing, Health Visiting and
 Domestic Help
 Mental Health
 E. F. Peile County Convalescent Home

These sub-committees, with the exception of the Mental Health Sub-Committee which meets bimonthly, have meetings in each month except August. In connection with the administration of the National Assistance Acts there is a standing Welfare Sub-Committee which meets monthly except in August.

On the 1st April, as a result of the delegation of functions to Stockton M.B. and Easington R.D., the number of Area Health Sub-Committees was reduced from twelve to ten. The ten Sub-Committees meet quarterly.

AREA.

The area of the administrative county is 620,276 acres—143,044 in municipal boroughs and urban districts and 477,232 in rural districts—the density of population being 1.54 persons per acre.

The administrative county consists of four municipal boroughs, 21 urban districts and 10 rural districts. The area of each of these districts is given in Table B, at the end of this report.

POPULATION.

The Registrar General's estimate of population for the administrative county for mid-year 1961 is 955,050, and shows an increase of 4,180 compared with his estimate for mid-year 1960. The estimated population of each sanitary district in the administrative county is given in Table B, at the end of this report.

RATEABLE VALUE.

The rateable value of the administrative county on the 1st April, 1961, was £10,273,404, and a penny rate represented the sum of £40,602.

BIRTHS AND BIRTH-RATES.

The number of live births registered in the administrative county during 1961 was 17,411, equal to a rate of 18.2 per 1,000 population compared with 18.5 for the previous year. The provisional rate for England and Wales for 1961 is 17.4.

Of the total live births registered, 8,592 males and 8,273 females were legitimate and 284 males and 262 females illegitimate, the percentage of illegitimate live births to total live births being 3.1 compared with 3.4 in 1960.

The number of stillbirths registered was 395, equal to a rate of 22.7 per 1,000 (live and still) births, compared with 23.4 during 1960. Of the stillbirths registered 201 males and 177 females were legitimate and 9 males and eight females illegitimate.

The still-birth-rate among illegitimate children was 30 per 1,000 (live and still) births.

The adjusted birth-rate for the administrative county, in accordance with the comparability factor (0.96) supplied by the Registrar General, is 17.4 per 1,000 population.

DEATHS AND DEATH-RATES.

The number of deaths registered in the administrative county during the year, after correction for inward and outward transfers, was 10,737, equal to a death-rate of 11.2 per 1,000 population compared with 11.5 in the previous year.

The adjusted death-rate for the administrative county, in accordance with the comparability factor (1.23) supplied by the Registrar General, is 13.8 per 1,000 population.

INFANT MORTALITY.

The number of deaths of infants under one year of age registered during the year was 407, a decrease of 81 compared with the previous year. The infant mortality rate per 1,000 live births was 23 compared with 28 in 1960.

The perinatal mortality rate—the combined stillbirths and deaths in the first week of life expressed as a rate per 1,000 total births—and the early neo-natal mortality rate—deaths in the first week of life, per 1,000 live births—are shown in the following table, along with the infant mortality rate after the first week, per 1,000 total births.

TABLE 1.

<i>Year</i>	<i>Perinatal Mortality</i>	<i>Early Neo-Natal Mortality</i>	<i>Infant Mortality Rate</i> <i>1 week — 1 year</i>
1952	41.6	16.4	16.1
1953	39.8	16.3	14.2
1954	42.6	17.9	12.6
1955	42.0	18.1	13.1
1956	40.1	15.9	11.3
1957	39.8	14.9	11.9
1958	37.8	14.9	10.3
1959	39.1	16.0	10.5
1960	40.1	17.0	10.4
1961	35.7	13.8	9.3

The death-rate of legitimate infants under one year of age per 1,000 legitimate live births was 23.4, while the death-rate of illegitimate infants per 1,000 illegitimate live births was 27.5.

Of the 407 deaths of children under one year of age, 153 or 38% were registered as being due to prematurity occurring during the first four weeks of life.

The neo-natal mortality rate per 1,000 live births was 16.3 compared with 19.2 in 1960.

Table 2 shows the number of births registered, the number of deaths of children under one year of age, and the infant mortality rate for the last ten years.

TABLE 2.

<i>Year.</i>	<i>Births.</i>	<i>Deaths under 1 year.</i>	<i>Rate per 1,000 Births.</i>
1952	15,575	513	33
1953	16,064	496	31
1954	15,732	484	31
1955	15,734	496	32
1956	16,428	451	27
1957	17,063	462	27
1958	17,414	443	25
1959	16,976	453	27
1960	17,622	488	28
1961	17,411	407	23

BACTERIOLOGICAL LABORATORY FACILITIES.

The Medical Research Council, acting on behalf of the Ministry of Health, continues to be responsible for the administration of the public health laboratory service.

The laboratories situated at the General Hospital, Newcastle upon Tyne, Havelock Hospital, Sunderland, General Hospital, Middlesbrough and the Friarage Hospital, Northallerton, undertake examinations for the administrative county area.

TREATMENT CENTRES and CLINICS.

Maternity and Child Welfare Centres.—The number of welfare centres at the end of the year was 97.

Dental Clinics.—Nineteen clinics were in operation during the year.

Ante-Natal Clinics.—Sessions were being held at 45 centres at the end of the year. At centres where numbers do not justify special sessions, advice is given at child welfare centres.

Post-Natal Clinics.—At the end of the year the number of centres at which post-natal sessions were held was 13. At centres where numbers do not justify special sessions, advice is given at ante-natal clinics.

Birth Control Clinics.—At the end of the year the number of centres at which birth-control sessions were held was 14. At some centres where the numbers attending did not justify special sessions, birth-control advice was given at combined sessions.

Day Nurseries.—Four day nurseries were in use during the year.

Artificial Sunlight Clinics.—The number of centres using ultra-violet ray lamps at the end of the year was 29.

NURSING HOMES.

During the year no applications were made to the County Council under section 194 of the Public Health Act, 1936, for the delegation of their powers to district councils. The maternity and nursing homes were periodically inspected.

REGISTERED NURSING HOMES.

<i>Name and Address.</i>	<i>Description.</i>
Rosemount, 32, Bede Road, Barnard Castle.	Maternity and general.
Percy House, Neville's Cross, Durham.	Aged, infirm and border-line mental cases.
Broadmeadows Manor, nr. Castleside.	General, chronic, aged and infirm.
St. Cuthbert's Hospital, Rockcliffe Park, Hurworth-on-Tees, (annexe to Hospital of St. John of God, Scorton).	Chronic sick (males).
" Milford," North End, Durham.	Aged and infirm.
"Ashbrook," St. John's Road, Neville's Cross, Durham.	Aged and infirm.
Whitelea House, Crook.	Aged and infirm (females).

The certificate of exemption from registration under the Public Health Act, 1936, in respect of "Wayside," West Boldon, was again renewed for one year.

HEALTH CENTRES.

The centre at Peterlee continues to operate satisfactorily while that at Stockton was nearing completion at the end of the year.

The general practitioners in the Felling area have notified changes of circumstances as a result of which only three of the original twelve practitioners were still interested in using a health centre. The proposal to build a centre on the Leam Lane Estate, Felling, has therefore been held in abeyance.

CARE OF EXPECTANT AND NURSING MOTHERS
AND CHILDREN UNDER SCHOOL AGE.

Centres.—During the year Stainton Camp was closed and Ryton changed premises making a total of 97 centres, 45 of which are held in premises owned or wholly rented by the County Council, the remaining centres being held in premises such as church halls, on a rental basis.

Table 3 shows the aggregate attendances at the welfare centres during the year and Table 4 the attendances at each welfare centre.

TABLE 3.

Babies and Children's Sessions.					
	Under 1 year.	1 and under 2 years.	2 and under 5 years.	Ante- Natal Sessions.	
No. on books .. .	9,223	8,150	9,703	2,598	
Attendances .. .	103,898	19,647	19,207	11,762	
Average attendances per session .. .	19	4	4	6	
Consultations .. .	68,298	13,508	13,204	11,686	
Average consultations per session .. .	13	3	3	6	

During the year 27,076 children made 142,742 attendances at the 97 centres compared with 25,333 children and 130,076 attendances in 1960.

The following statement gives the attendances of mothers from the administrative county area at centres outside that area.—

					<i>Mothers.</i>	<i>Attendances.</i>
Darlington .. .	.. .	.. .	.. .	.. .	83	284
Gateshead .. .	.. .	.. .	.. .	.. .	211	744
South Shields .. .	.. .	.. .	.. .	.. .	29	79
Sunderland .. .	.. .	.. .	.. .	.. .	175	555
West Hartlepool .. .	.. .	.. .	.. .	.. .	28	101
Yarm .. .	.. .	.. .	.. .	.. .	185	614
Totals .. .	.. .	.. .	.. .	.. .	<u>711</u>	<u>2,377</u>

Ante-Natal Clinics.—During the year 2,598 expectant mothers made 11,762 attendances compared with 3,427 mothers and 15,209 attendances in 1960.

The following is an analysis of some features of 2,464* of the cases attending the ante-natal clinics. (*Information in respect of Stockton M.B. not available from time of declaration.*)

Duration of Pregnancy at first attendance.

Under 3 months	..	..	..	..	..	393
3-6 months	..	..	..	..	..	1,483
6-9 months	..	..	..	..	..	588
					Total	..
						2,464

Age of Patients.

Under 20 years	..	..	..	..	..	208
20-25 years	..	..	..	..	..	903
26-30 years	..	..	..	..	..	677
31-35 years	..	..	..	..	..	449
36-40 years	..	..	..	..	..	187
41-45 years	..	..	..	..	..	39
46-50 years	..	..	..	..	..	1
					Total	..
						2,464

Number of Pregnancy.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
676	724	474	273	144	68	53	24	13	5	5	5	3	1	—	1
Total.—2,464															

Health of Mothers.

Poor	Moderate	Good	Total
37	356	20,71	2,464

Nature of Confinement.

(a) Normal	..	..	..	..	1,561
(b) Abnormal					
Instrumental	..	..	..	..	41
Induction	..	..	..	..	16
Caesarean	..	..	..	..	22
Malpresentation	..	..	..	..	22
Other abnormalities	..	..	..	..	11
A. P. haemorrhage	..	..	..	..	13
P. P. haemorrhage	..	..	..	..	7
Prolonged labour					
Disproportion	..	..	..	..	—
Inertia	..	..	..	..	4
Died undelivered	..	..	..	..	—
Left district	..	..	..	..	60
Not yet delivered	..	..	..	..	707
					136
					767
					2,464

Results.

Full time live births	..	..	1,604
Full time still births	..	..	12
Premature live births	..	..	61
Premature still births	..	..	12
Abortions ..	..	..	33
Died undelivered ..	..	..	—
			1,722
Left district ..	..	..	60
Not yet delivered ..	..	..	707
			767
			*2,489

* includes 21 sets of twins and 2 sets of triplets.

Place of confinement.

(a) In hospitals ..	..	..	819
(b) At home			
Midwife ..	..	..	683
Doctor and Midwife ..	..	..	155
B.B.A. ..	..	..	22
Doctor ..	..	..	18
Flying Squad ..	..	..	—
			878
Left district ..	..	..	60
Not yet delivered ..	..	..	707
			767
			2,464

Abnormal conditions found at ante-natal examinations.—

Anaemia ..	..	349	Urinary infection	
Presence of Antibodies ..	12		(a) acute ..	38
Dental caries ..	486		(b) chronic nephritis ..	1
Diabetes ..	2		Cardiac disease ..	31
Early toxæmia ..	153		Placenta praevia ..	2
Pre-eclamatic toxæmia ..	84		Accidental haemorrhage	
Bronchitis ..	36		(a) with toxæmia ..	4
Tuberculosis ..	19		(b) without toxæmia ..	19
Venereal disease ..	1		Pelvic contraction ..	19
Non-venereal discharges	295		Malpresentation ..	34
Haemorrhoids ..	168		History of virus disease ..	1
Varicose veins ..	370		Mental abnormality associated with pregnancy ..	3
Constipation ..	363		Other conditions ..	19

Post-Natal Clinics.—Table 5 shows the numbers on the books and the attendances made. In addition to 244 mothers who attended the special sessions, 156 were examined post-natally at ante-natal clinics.

As there were no attendances, the clinic at Consett was closed 1st October.

From the 1st October no special post-natal sessions were held at Coxhoe, Hetton, Houghton and Spennymoor.

Birth Control Clinics.—Table 6 shows the numbers and attendances during the year. In addition to 1,418 mothers who attended special sessions, 33 mothers made 98 attendances at combined sessions.

From 1st October birth control advice was given at combined sessions at Coxhoe, Hetton, Houghton and Spennymoor.

Artificial Sunlight Clinics.—Treatment was given at 30 centres. The numbers attending were 1,287 and the attendances were 15,419. Details are shown in Table 7.

As there were no attendances, the clinic at Spennymoor was closed on 1st April.

E. F. Peile Home, Shotley Bridge.—This convalescent home for mothers and babies is administered by the County Council

During the year 142 mothers and 119 babies and 257 children were admitted. The average duration of stay was 19 days in the case of mothers, 21 for babies and 23 days in the case of children.

Day Nurseries.—Table 8 shows the accommodation available in each nursery together with the average daily attendances.

TABLE 8.

Day Nurseries.—

Nursery.		Number of Places.	Average Attendances.
Haverton Hill	.. ..	20	14
Hebburn	.. ..	80	49
<i>Stockton.—</i>			
(a) Durham Road	.. ..	60	35
(b) Norton Road	.. ..	60	34

County Federation of Voluntary Workers.—5 meetings were held during the year.

Homes or Hostels for Unmarried Mothers and their Babies.—Smelt House, Howden-le-Wear has 17 beds and 9 cots.

76 expectant mothers were admitted during the year and the average length of stay was ante-natal six weeks and post-natal six weeks.

Arrangements continued for the admission of unmarried mothers to homes outside the county and 12 expectant mothers were admitted.

TABLE OF ATTENDANCES ON MONITORS AND INSTRUCTORS AT CHILD WELFARE CENTRES.

CENTRES.	No. on Books from 1.1.40.		Number		Attendance.		Consultations.	
	Children		Children		Children		Children	
	Under 1 year	Between 1-2 years	Under 1 year	Between 1-2 years	Under 1 year	Between 1-2 years	Under 1 year	Between 1-2 years
<i>Area No. 1.</i>								
Blaydon	29	97	110	148	144	1152	314	193
*Chopwell	6	33	38	54	56	357	68	91
*Dunston	16	117	113	194	125	388	146	165
*Rowlands Gill	18	86	80	62	81	839	165	146
Ryton	61	147	159	196	336	2178	594	352
*Sunniside	6	22	15	16	26	293	42	25
*Whickham	2	52	57	42	10	635	103	118
Wainfleet	13	117	113	164	42	1731	365	313
	151	676	685	871	704	8660	2039	1627
<i>Area No. 2.</i>								
*Felling, Leam Lane	9	176	205	217	39	2174	448	381
St. Albans Villa	147	178	273	375	2074	424	10	20
Burnopfield	33	48	37	98	197	610	166	240
Jarrow, Simonside	20	193	177	170	1924	333	323	14
Walter Street	124	145	104	137	139	1381	532	429
	652	830	842	987	2920	9305	2115	1849
<i>Area No. 3.</i>								
Annfield Plain	64	108	91	163	262	1197	152	232
*Burnhill	2	18	64	64	1097	113	107	—
Burnopfield	33	48	37	98	245	333	33	10
Consett, Wetherall House	6	219	143	302	145	1645	202	406
*The Grove	2	43	43	53	4	422	58	255
Craghead	15	48	34	53	60	493	65	103
*Diplop	2	37	36	52	3	455	87	84
East Stanley	17	152	138	217	66	1903	373	505
*Lanchester	3	38	24	14	6	193	38	19
*Langley Park	6	43	31	36	27	432	57	59
South Moor	15	33	55	35	37	419	35	39
*Tinfield Lea	15	33	46	105	64	424	123	181
	165	890	766	1218	709	9492	1502	2082
<i>Area No. 4.</i>								
Burley	31	150	139	187	123	1504	267	6
Chester-le-Sreet	54	215	242	307	314	2817	438	6
*Sacriston	11	87	89	118	1012	182	138	20
West Pelton	43	96	70	99	203	915	172	163
	129	548	540	711	641	6248	1247	1006
<i>Area No. 5.</i>								
Bolton	80	61	58	36	354	574	62	39
*Castleton	1	36	44	42	32	337	127	117
*East Boldon	26	111	89	41	78	1259	128	63
*Fencehouses	5	48	43	67	55	550	81	139
Heitton	51	86	84	61	236	822	143	60
*Houghton-le-Spring	27	94	90	107	71	836	171	148
New Herrington	29	156	160	100	1493	314	190	—
*Ryhope	11	69	63	77	74	42	720	128
Seaham Harbour	21	167	141	117	89	1760	225	143
Silsworth	17	147	123	121	81	1733	322	214
*South Hylton	29	37	38	47	428	85	65	111
Washington	118	207	184	112	467	1779	226	119
Whitburn	93	106	91	84	559	1487	301	195
	479	1317	1197	1058	2116	13778	2423	1602
<i>Area No. 6.</i>								
Crook	87	164	109	208	411	1315	246	511
*Stanhope	6	33	38	66	23	309	127	158
Tow Law	9	64	65	93	31	867	145	146
*Willington	2	23	23	50	—	234	121	122
*Wolsingham	36	40	48	8	—	342	68	75
Woolley Terrace	18	15	15	44	—	126	48	73
	102	320	281	520	465	3086	809	1159
<i>Area No. 7.</i>								
Coxhoe	17	79	81	93	85	726	140	150
Durham	38	100	104	148	170	1299	409	353
Esh Winning	82	93	82	117	290	698	144	199
Kepier Crescent	24	93	121	130	159	1359	338	333
Meadowfield	59	73	69	77	100	1107	69	84
*Stainton Camp	2	36	40	48	8	809	210	83
	222	508	524	613	998	5233	1309	1193
<i>Area No. 8.</i>								
*Barnard Castle	56	26	19	398	46	17	17	17
*Butterknowle	3	19	16	13	156	53	18	—
Cockfield	7	30	24	19	235	127	157	—
*Middleton-in-Teesdale	1	22	18	18	35	292	59	32
*Staindrop	1	17	18	21	4	213	48	24
	12	162	118	92	57	1337	244	139
<i>Area No. 9.</i>								
Bishop Auckland	36	127	134	162	204	1477	317	319
*Close House	6	33	42	53	21	425	127	157
Coundon	10	55	38	50	55	470	84	84
Ferryhill	44	56	67	25	228	664	79	35
*Fishburn	87	148	136	23	444	1572	281	359
Hartwick	11	34	34	53	56	402	81	60
Frederick Street	18	63	59	15	40	672	100	21
West View	26	104	74	16	64	875	71	26
*Haverton Hill	4	43	39	37	39	331	139	104
Middleton-St.-George	23	35	37	39	83	3246	413	331
*Newton Aycliffe	18	288	235	197	83	2346	413	331
*Sedgefield	7	7	19	13	27	39	77	48
Trimdon Grange	70	86	79	113	294	741	111	148
	140	528	511	571	649	5835	1181	1000
<i>Area No. 10.</i>								
Billingham	18	60	46	50	92	445	95	117
Cowpen Lane	69	306	256	184	373	3287	544	403
Quesnway	44	56	67	25	228	664	79	35
Chilton	87	148	136	23	444	1572	281	359
Ferryhill	11	34	34	53	56	402	81	60
*Fishburn	11	34	34	53	56	402	81	60
Hartwick	24	244	223	199	71	2305	429	351
Shotton	46	70	66	92	158	646	153	142
South Hetton	39	43	58	71	161	521	139	109
*Thornley	66	58	45	48	38	524	82	12
*Wheatley Hill	7	45	47	44	38	379	78	25
Wingate	1	66	49	56	7	398	111	70
	372	1230	1075	978	1720	12795	2076	1736
<i>Stockton M.B.</i>								
Browns Bridge	113	68	75	110	—	1590	223	377
Eastburn Hall	82	39	82	87	102	163	219	179
Norton Green	162	142	114	—	2745	312	459	—
Norton Road	240	135	159	135	368	688	596	63
Roseworth Estate	17	139	69	80	185	1548	171	281
St. Annes Tce., Portrack	180	70	77	66	1970	188	167	—
Woodlands, Yarm Lane	65	293	192	253	—	1025	310	—
	17	1274	724	934	185	17882	2847	3670
TOTALS	2596	9222	8150	97031	1762	103898	19641	19207

*C.W.C. primarily, but Ante-Natals seen where necessary.

†—closed 27.10.61.

TABLE 5.

POST-NATAL CLINICS.—No. on Books and Attendances, 1961.

	No. on Register	Attendances	No. on Register	Attendances
<i>Area No. 1.</i>				
Blaydon and Winlaton	..	9	..	11
<i>Area No. 2.</i>				
Felling	..	..	15	15
Hebburn	..	..	23	30
Jarrow—Walter Street	..	..	12	20
	50	65		
<i>Area No. 3.</i>				
Consett	..	..	—	—
East Stanley	..	..	2	2
	2	2		
<i>Area No. 4.</i>				
Birtley	..	..	4	4
Chester-le-Street	..	..	27	45
	31	49		
<i>Area No. 5.</i>				
Hetton	..	..	5	5
Houghton-le-Spring	..	..	3	4
Seaham	..	..	3	3
Washington	..	..	16	17
	27	29		
<i>Area No. 7.</i>				
Coxhoe	..	..	..	..
Durham	..	..	..	..
	65	184		
<i>Area No. 9.</i>				
Bishop Auckland	..	..	29	42
Spennymoor	..	..	2	3
	31	45		
<i>Area No. 10.</i>				
Billingham	..	..	..	..
	21	25		
<i>Easington R.D.</i>				
Murton	..	..	..	..
	8	7		
TOTALS	..	..	244	417

TABLE 6.
BIRTH CONTROL CLINICS.—No. on Books and Attendances, 1961.

	No. on Register	Attendances	No. on Register	Attendances
<i>Area No. 1.</i>			<i>Area No. 7.</i>	
Blaydon and Winlaton	..	95	Coxhoe	..
		205	Durham	..
				..
				29
				70
				228
				..
				116
				298
<i>Area No. 2.</i>			<i>Area No. 9.</i>	
Felling	..	65	Bishop Auckland	..
Jarrow (Walter Street)	..	103	Spennymoor	..
		219		..
				105
				35
				247
				82
				..
				140
				329
<i>Area No. 3.</i>			<i>Area No. 10.</i>	
Consett	Billingham	..
East Stanley
		221		4
		172		..
		554		4
		454		..
		393		6
		1,008		..
				..
				139
				195
<i>Area No. 4.</i>			<i>Easington R.D.</i>	
Birtley	Easington	..
Chester-le-Street	Murton	..
		76		..
		153		..
		185		112
		380		27
		565		..
				36
				..
				139
				195
<i>Area No. 5.</i>			<i>TOTALS</i>	
Hetton
Houghton-le-Spring	..	4	1,418	3,198
Seaham	..	25		
Washington	..	71		
		34		
		59		
				134
				272

DENTAL TREATMENT.

Dental treatment for expectant and nursing mothers and young children was available at the following centres.—

Billingham .. .	..	one session monthly
Birtley .. .	..	do.
Bishop Auckland .. .	..	do.
Blaydon .. .	..	as required
Consett .. .	..	one session weekly
Crook .. .	..	one session monthly
Durham .. .	..	do.
Felling .. .	..	one session fortnightly
Hartlepool .. .	..	one session monthly
Hebburn .. .	..	one session weekly
Houghton-le-Spring .. .	..	do.
Jarrow .. .	..	one session monthly
Peterlee .. .	..	do.
Seaham .. .	..	do.
Stanley .. .	..	as required
Stockton .. .	..	do.
Wingate .. .	..	do.

During this year the charge for dentures obtained from private practitioners was lifted so that all expectant and nursing mothers and pre-school children can now be dentally treated without charge either at our clinics or at a private practitioner.

In spite of this the number of both mothers and children examined and treated in our clinics has risen. The number of fillings has doubled and the number of extractions decreased which is very satisfactory. This means that the trend is towards conserving teeth.

Two new full time clinics were opened, at Ryton in September and Spennymoor in November, no special sessions have been arranged until the need is assessed, as to how many are necessary.

The details of the treatment carried out are given in Tables 9 and 10.

WELFARE FOODS.

At the end of the year welfare foods were being distributed from 111 centres (78 maternity and child welfare centres and 33 other premises).

Members of voluntary committees at 61 welfare centres continued to accept responsibility for both the distribution and clerical work in connection with the scheme.

The following statement shows the amounts issued during the year together with comparative figures for 1960.

		1960	1961
National dried milk (tins) ..		265,427	198,319
Orange juice (bottles) ..		415,654	198,843
Cod liver oil (bottles) ..		68,488	39,004
Vitamin tablets (packets) ..		35,764	20,905

DOMICILIARY MIDWIFERY.

The following numbers of midwives gave notice of intention to practice in the administrative county during the year.—

District midwives ..	..	..	..	133
District nurse-midwives ..	..	..	..	36
Midwives in hospitals ..	..	..	..	87
Midwives in private practice ..	..	..	..	6
				262

At the end of the year 126 district midwives and 35 nurse-midwives were employed by the County Council against an establishment of 143 and 43 respectively.

Recruitment to the midwifery service remains poor. The number of domiciliary confinements show a reduction over the last year.

The average case-load for the year was 55 deliveries and 21 hospital discharges.

There is a decrease in the number of visits to patients discharged from hospital, this most probably is due to the shortened stage of puerperium from 14 to 9 days.

At the Annual Meeting of Midwives in the Shire Hall, our Speaker was Mr. C. T. Noble of Sunderland, who gave a most interesting talk on 'Phenylketonuria.'

30 district midwives attended Post Graduate Courses.

18 pupil midwives received instruction in domiciliary midwifery from 10 Teaching Midwives. 17 were successful in the examination.

A further Part II Midwifery Training School has been established in conjunction with Bishop Auckland Maternity Hospital, commencing in March, the pupils receiving their district training in the Spennymoor and Shildon area under the tuition of 3 approved teaching midwives.

Group meetings amongst the staff continue with satisfactory results.

TABLE 11.

	Doctor not booked		Doctor booked		Totals	Dis- charges from hospi- tal before 10th day
	Doctor present at delivery	Doctor not present at delivery	Doctor present at delivery	Doctor not present at delivery		
District Midwives and Nurse-Mid- wives .. .	25	453	1,532	5,686	7,696	2,560
Midwives in Private Practice	—	—	9	83	92	—
TOTAL .. .	25	453	1,541	5,769	7,788	2,560

CENTRE		NO. ON BOOKS FROM 1.1.61	ATTEND-ANCES	AVERAGE ATTEND-ANCE PER SESSION	NO. OF SESSIONS HELD	NO. OF SESSIONS HELD	AVERAGE ATTEND-ANCE PER SESSION
<i>Area No. 1.</i>							
Blaydon	..	93	1,376	14	100	99	
Dunston	..	28	424	6	73	5	
<i>Area No. 2.</i>							
Felling	..	51	616	7	86	29	494
Hebburn	..	49	498	5	93	36	470
Jarrow	..	90	839	9	97	89	1,213
<i>Area No. 3.</i>							
Annfield Plain	..	14	161	2	74	125	1,683
Consett	..	9	110	2	72	..	
East Stanley	..	20	238	3	76	..	
<i>Area No. 4.</i>							
Birtley	..	41	415	4	94	..	
Chester-le-Street	..	41	618	8	73	..	
<i>Area No. 5.</i>							
Boldon	..	8	31	1	53	..	
Hetton	..	41	432	5	81	..	
Houghton-le-Spring	..	45	584	7	85	..	
Seaham Harbour	..	38	551	7	76	..	
Silksworth	..	31	416	5	76	..	
Washington	..	59	676	8	81	..	
		222	2,690	6	452		
						TOTALS	1,287
							15,419
							6
							2,390

* Commenced 1.5.1961.

Expectant and Nursing Mothers

CLINIC	Expectant and Nursing Mothers				Children under Five			
	Examined	Needling treatment	Treated	Made dentally fit	Examined	Needling treatment	Treated	Made dentally fit
Billingham	6	6	5	5	15	16	16	14
Birtley	9	8	9	4	13	11	10	7
Bishop Auckland	4	4	4	2	1	—	—	—
*Blaydon	14	10	10	3	77	53	50	55
Consett	7	7	7	4	10	10	8	7
Crook	7	3	3	1	25	21	16	9
Durham	7	7	7	2	20	17	13	2
Felling	36	36	34	2	3	3	3	2
Hartlepool	8	8	8	2	13	12	10	6
Hebburn	178	176	211	44	21	20	20	11
Houghton-le-Spring	7	5	8	2	1	1	—	—
Jarrow	32	31	40	9	6	6	6	4
Peterlee	13	12	6	27	20	20	17	
Seaham	—	—	—	—	—	—	—	
*Stanley	6	6	5	9	9	9	9	8
*Stockton	2	2	2	12	12	11	9	
*Wingate	13	10	10	28	16	16	16	
TOTALS ..	349	332	366	103	281	227	208	167

* No regular sessions—occasional treatment only.

TABLE 10.
ADMINISTRATIVE COUNTY OF DURHAM, 1961—DENTAL CLINICS.
Forms of dental treatment provided.

CLINIC	Expectant and Nursing Mothers.							Children under Five										
	Scalings and Gum Treat- ment	Fillings	Silver Nitrate Treat- ment	Crowns or Inlays	Extrac- tions	General Anaes- thetics	Dentures Provided		Radio- graphs	Scalings and Gum Treat- ment	Fillings	Silver Nitrate Treat- ment	Crowns or Inlays	Extrac- tions	General Anaes- thetics	Dentures Provided		Radio- graphs
							Full Upper or Lower	Partial Upper or Lower							Full Upper or Lower	Partial Upper or Lower		
Billingham .. .	2	—	—	—	47	4	5	4	—	1	—	3	—	28	—	—	—	—
Birdley .. .	—	4	—	—	48	4	4	5	—	1	7	—	—	11	—	—	—	—
Bishop Auckland .. .	1	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—
*Blaydon .. .	3	7	—	—	39	—	4	—	—	2	72	20	—	19	—	—	—	—
Consett .. .	—	10	2	—	15	3	—	—	—	—	10	2	—	15	3	—	—	—
Crook .. .	—	—	—	—	10	1	—	2	—	1	14	—	—	20	6	—	—	—
Durham .. .	1	14	—	—	21	1	—	—	—	—	—	2	—	10	4	—	—	—
Felling .. .	—	—	—	—	100	—	20	—	—	—	7	—	—	2	—	—	—	—
Hartlepool .. .	2	2	—	—	6	—	2	—	—	—	—	8	—	7	—	—	—	—
Hebburn .. .	63	105	2	26	87	4	4	6	—	—	7	19	—	12	6	—	—	—
Houghton-le-Spring .. .	—	—	—	—	21	1	—	—	—	—	—	—	—	—	—	3	1	—
Jarrow .. .	5	15	—	—	16	5	2	3	—	—	6	1	—	22	2	—	—	—
Peterlee .. .	5	—	—	—	47	5	2	—	—	—	7	10	—	13	6	—	—	—
Seaham .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
*Stanley .. .	1	13	—	—	5	—	2	—	—	—	2	3	—	5	2	—	—	—
*Stockton .. .	2	2	—	—	—	—	—	1	—	2	2	—	—	21	6	—	—	—
*Wingate .. .	4	—	—	—	4	2	—	2	3	—	—	—	—	—	—	—	—	—
TOTALS ..	89	172	4	26	466	30	47	23	3	7	134	68	—	185	35	3	1	—

*No regular sessions—occasional treatment only.

The midwives requisitioned medical help on *1,781 occasions, and the following statement gives particulars as to the reasons for so doing.—

1. Ante-natal examination—general	..	..	62
2. Ante-natal examination—albuminuria	..	..	138
3. Miscarriage	..	..	24
4. Threatened miscarriage	..	..	34
5. Ante-partum haemorrhage	..	..	86
6. Post-partum haemorrhage	..	..	67
7. Placenta praevia	..	..	7
8. Retained or adherent placenta or membranes	..	..	44
9. Contracted pelvis, disproportion between child and pelvic outlet	..	..	4
10. Malpresentation	..	..	78
11. Prolonged or delayed labour, uterine inertia	..	..	218
12. Mammary inflammation, varicose veins, cardiac weakness, weakness during puerperium, etc...	..	..	29
13. Stillbirth	..	..	14
14. Ruptured perineum	..	..	547
15. Premature birth	..	..	85
16. Rise in temperature	..	..	41
17. Feebleness of child. Illness of child	..	..	95
18. Phimosis, tongue tie, suspicious eruptions on skin of baby, and umbilical conditions	..	..	6
19. Marked congenital malformation	..	..	12
20. Inflammation of child's eyes	..	..	24
21. Condition of mother ill-defined	..	..	20
22. Condition of baby ill-defined	..	..	8
23. Midwife in attendance at another case	..	..	11
24. Death of baby	..	..	1
25. Other conditions	..	..	84

In addition to the notifications of sending for medical help, the following notifications were received from midwives.—

Stillbirths	..	..	..	..	..	80
Death of mother	..	..	..	..	..	2
Death of child	..	..	..	..	..	90
Laying out the dead	..	..	..	..	..	17
Liability to be a source of infection	..	..	..	..	..	40

* Includes 42 occasions in Stockton M.B. from time of delegation for which particulars are not available.

With regard to the 41 cases in which medical help was requisitioned on account of rise of temperature, six were subsequently notified as puerperal pyrexia. None of these received in-patient hospital treatment.

Of the 24 cases of inflammation of the eyes, one was notified as ophthalmia neonatorum.

Maternity outfits are available free of charge for all domiciliary confinements and the number issued during the year was 8,796.

Table 12 gives details of the administration of inhalational analgesics.

TABLE 12.

Number of domiciliary midwives practising in the area at end of year who were qualified to administer inhalational analgesics in accordance with the requirements of the Central Midwives Board	Number of sets of apparatus for the administration of inhalational analgesics in use at end of year	Number of cases in which inhalational analgesics were administered by midwives in domiciliary practice during the year :—		Number of cases in which pethidine was administered by midwives in domiciliary practice during the year :— 22
		When doctor was present at time of delivery of child	When doctor was not present at time of delivery of child	
District Midwives and Nurse Midwives ..	157	—	790	251
Midwives in Private Practice	1	—	—	—
TOTAL ..	158	158	790	251
				3,987
				2
				862
				3,178
				3,161
				17
				5
				857

TABLE 10.
ADMINISTRATIVE COUNTY OF DURHAM, 1961—DENTAL CLINICS.
Forms of dental treatment provided.

CLINIC	Expectant and Nursing Mothers.							Children under Five										
	Scalings and Gum Treatment	Fillings	Silver Nitrate Treatment	Crowns or Inlays	Extrac- tions	General Anaes- thetics	Dentures Provided		Radio- graphs	Scalings and Gum Treatment	Fillings	Silver Nitrate Treatment	Crowns or Inlays	Extrac- tions	General Anaes- thetics	Dentures Provided		Radio- graphs
							Full Upper or Lower	Partial Upper or Lower							Full Upper or Lower	Partial Upper or Lower		
Billingham ..	2	—	—	—	47	4	5	4	—	1	—	3	—	28	—	—	—	—
Burley ..	—	4	—	—	48	4	4	5	—	1	7	—	—	11	—	—	—	—
Bishop Auckland ..	1	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—
*Blaydon ..	3	7	—	—	39	—	4	—	—	2	72	20	—	19	—	—	—	—
Consett ..	—	10	2	—	15	3	—	—	—	—	10	2	—	15	3	—	—	—
Crook ..	—	—	—	—	10	1	—	2	—	1	14	—	—	20	6	—	—	—
Durham ..	1	14	—	—	21	1	—	—	—	—	—	2	—	10	4	—	—	—
Felling..	—	—	—	—	100	—	20	—	—	—	7	—	—	2	—	—	—	—
Hartlepool ..	2	2	—	—	6	—	2	—	—	—	—	8	—	7	—	—	—	—
Hebburn ..	63	105	2	26	87	4	4	6	—	—	7	19	—	12	6	—	—	—
Houghton-le-Spring ..	—	—	—	—	21	1	—	—	—	—	—	—	—	—	—	3	1	—
Jarrow..	5	15	—	—	16	5	2	3	—	—	6	1	—	22	2	—	—	—
Peterlee ..	5	—	—	—	47	5	2	—	—	—	7	10	—	13	6	—	—	—
Seaham ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
*Stanley ..	1	13	—	—	5	—	2	—	—	—	2	3	—	5	2	—	—	—
*Stockton ..	2	2	—	—	—	—	—	1	—	2	2	—	—	21	6	—	—	—
*Wingate ..	4	—	—	—	4	2	—	2	3	—	—	—	—	—	—	—	—	—
TOTALS ..	89	172	4	26	466	30	47	23	3	7	134	68	—	185	35	3	1	—

*No regular sessions—occasional treatment only.

PREMATURITY.

Care of Premature Infants.—Equipment for the home nursing of premature infants, including lined "Sorrento" cots, with mattress, blankets, sheets, hot water bottles, gamgee outfits and "Belcroy" feeders is kept centrally, and is available at short notice to any midwife who requires it. The midwife attends the premature baby very frequently for as long as is necessary.

There are no special hospital units for premature infants but if institutional treatment is considered desirable the general practitioner arranges admission to a paediatric unit. A "moses" basket is provided for transit. Table 13 gives details of premature births during 1961.

MATERNAL MORTALITY.

Table 14 gives the maternal mortality rate in the administrative county during the past ten years.—

TABLE 14.

**ADMINISTRATIVE COUNTY OF DURHAM.—Maternal Mortality—
1952-1961.**

Year	Births	Deaths	Rate	Deaths	Rate	Total
	Regis- tered (Live and Still)	from Puer- peral Sepsis	Per 1,000 births regis- tered	from other accidents and diseases of pregnancy and parturition.	per 1,000 births regis- tered	Maternal Mortality Rate per 1,000 births registered
1952	15,984	3	0.19	14	0.88	1.06
1953	16,457	—	—	15	0.91	0.91
1954	16,138	1	0.06	13	0.81	0.87
1955	16,128	1	0.06	7	0.43	0.50
1956	16,842	—	—	22	1.31	1.31
1957	17,506	—	—	11	0.63	0.63
1958	17,827	—	—	12	0.67	0.67
1959	17,384	—	—	10	0.58	0.58
1960	18,045	—	—	8	0.44	0.44
1961	17,806	—	—	7	0.39	0.39

The Registrar General has allocated to the administrative county for 1961, five deaths under heading No. 30—Pregnancy, childbirth, abortion (see Table D), which gives a maternal mortality rate of 0.28 per 1,000 live and stillbirths.

Enquiries have, however, been made into seven deaths from maternal causes, for the purpose of completing report forms for the Ministry of Health, and this figure has been used for the calculation of the maternal mortality rate of 0.39 for the administrative county.

The following is an analysis of some features of these seven deaths, 1960 figures being given for comparison.

<i>Ages—</i>									1960	1961
	Under 20	..	..	..	..	..	..	..	—	—
20-29	3	2
30-39	5	2
40-45	—	2
<i>Parity—</i>	1	2	3	4	5	6	7	8		
1960	2	—	1	3	2	—	—	—		
1961	—	4	—	—	1	1	—	1		
<i>Ante-Natal Care</i>									1960	1961
None	2	1
General Practitioner and Midwife									2	1
Hospital and General Practitioner	..								2	1
Attended L.H.A. Clinic and hospital									1	1
Attended hospital	1	3
<i>Health during ante-natal period.</i>										
Good	4	2
Moderate	2	2
Pre-existing disease	1	2
Not known	1	1
<i>Causes of death.</i>										
Toxaemia of pregnancy	4	1
Abortion	—	—
Abortion with sepsis	1	—
Pulmonary embolism	3	1
Cerebral thrombosis	—	—
Post partum haemorrhage	—	3
Peritonitis	—	—
Anaesthesia	—	2
<i>Results.</i>										
Full-time live births	1	4
Premature live-births	3*	1
Premature still-births	1	—
Full-time still-births	2	2
Abortion	1	—
Undelivered	1	—

* Includes 1 set of twins.

HOME NURSING.

At the end of the year 118 whole-time district nurses were employed and two part-time district nurses. There were also 33 district nurse-midwives who spent approximately half their time on home nursing duties, the establishment being 121 and 43 respectively.

Good liaison with hospitals and general practitioners continues. With regard to the care of young children in their own homes the case-load has never been very high, but over the past five years a considerable decrease in the number of cases and visits is seen, the case-load being now almost half of five years ago. The bulk of the nursing care required is for injection therapy.

The number of cases and visits to patients aged 65 years and over is slightly reduced.

Visits to Tuberculosis patients continues to remain fairly even and I would mention that the greater number of these patients are those who normally would have been hospital patients but now can be cared for at home and receive injection treatment.

Infectious diseases and maternal complication cases both remain very low. The overall pattern shows a reduction in the total number of patients on the books during the year and a corresponding reduction in the visits paid.

At the end of the year 63 nurses and 24 nurse-midwives were authorised car users, one nurse had an allowance for her auto-cycle and three had bicycle allowances.

PUERPERAL PYREXIA.

During the year there were 101 confirmed cases of puerperal pyrexia, compared with 49 cases in 1960. No deaths were registered from puerperal sepsis.

According to information received 89 cases had in-patient treatment.

OPHTHALMIA NEONATORUM.

There was one case of ophthalmia neonatorum notified. Vision was unimpaired after treatment at home.

The health visitors make careful enquiries into all cases of inflammation of the eyes of newly-born children, and during the year, in addition to the one case notified as ophthalmia neonatorum, they reported *160 such cases to which they paid 358 home visits. In all cases vision was unimpaired, 139 after treatment by own doctor and 21 without special treatment.

*Information in respect of Stockton M.B. not available from time of Delegation.

HEALTH VISITING.

Health Visitors have continued to be used economically and effectively as health teachers and family advisers responsible for social investigation, research work and the interpretation of the services available for the family.

ADMINISTRATIVE COUNTY OF DURHAM—HOME NURSING—1960-1961.

TABLE 15.

Year	Staff		General Medical		General Surgical		Infectious Diseases		Tuberculosis		Maternal Complications		Others		Total	
	Whole-time	Part-time	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits		
1960	119	39	11,737	312,348	5,335	105,273	54	329	508	29,686	77	797	—	10,979	17,711	459,412
1961	118	35	11,332	305,359	4,584	89,738	28	244	568	33,764	71	840	—	8,019	16,583	437,964

Patients included in above Table who were 65 or over at the time of the first visit during the year.	Children included in above Table who were under 5 at the time of the first visit during the year.	Patients included in above Table who have had more than 24 visits during the year.				
Year	Cases	Visits	Cases	Visits	Cases	Visits
1960	7,522	253,027	1,273	9,661	4,264	300,600
1961	7,435	253,143	1,031	8,219	4,189	292,730

The care of mothers and young children continues to be a basic duty and home visiting provides the opportunity for quiet consultation giving rise to discussion on normality and abnormality as revealed in behaviour problems.

Close co-operation has continued with Moral Welfare Workers in pre-natal, post-natal and after care of the unmarried mother, and also in cases of adoption.

Health Visitors carried out a good deal of social first aid on the spot and intensive work was done to prevent the break up of families.

Health Visitors have continued to undertake special investigations regarding ascertainment in infants of phenylketonuria, deafness and squint, of all children thought to be at risk and in all cases of baby deaths, especially those due to prematurity, bronchitis and pneumonia, and accident.

Good liaison has continued with Paediatricians especially in the care of premature babies and in the follow up of children discharged from hospital.

A good deal of assistance has been given in programmes for Polio-myelitis Vaccination and Diphtheria Immunisation.

Health Visitors were active participants in the preventive services. Concept of care in the community which has transferred some of the burdens hitherto carried out by hospital to the home, has provided the health visitor with greater opportunities to aid in the promotion of mental health, in the care of the aged, whose numbers and morbidity continue to increase, and in the care and after care of the sick of all ages discharged from hospital.

Good work has been done in conjunction with hospital almoners in the care of patients of all ages discharged from hospital where social and environmental conditions were investigated, treatments supervised and rehabilitation fostered. This liaison especially with geriatric units has increased enormously. The co-operation with General Practitioners has improved in this respect and contact has been made in many instances regarding general health.

Health Visitors have visited and advised families in cases of tuberculosis, special attention being paid to the follow up of contacts. Heat Testing and assisting with B.C.G. Vaccination as well as consultation with the chest physician has continued, and the link between Chest Clinic and the home has been maintained. Liaison with the Domestic Help Organiser continues. Cases have been investigated and advice given on the prevention of the spread of infection in tuberculosis families which have been assisted.

Health Visitors have maintained their responsibility for the home visiting of the mentally disordered and have followed up defects both physical and mental.

The health visitors primary function as health teacher and health educator has had growing scope in individual teaching, group teaching and discussion in the home, in the clinic and with various clubs and professional groups.

Health Visitors' Training School.—Six of the eight students in training were successful in obtaining the Health Visitors' Certificate at the first attempt, while the remaining two students were successful at the second.

Summary of Work done by Health Visitors.—The work of the health visitors during the year is summarised in Table 16.

Discharges from Hospitals.—In some cases Health Visitors receive copies of case notes forwarded to the General Practitioner in the case of children under 5 years of age on discharge from Hospital from the Paediatrician or Doctor in charge. The Health Visitor visits the home, gives any advice necessary and attaches the case notes to her record card for the child in question. Further visits are paid as required. These notes are found to be of great benefit to the Health Visitor in her supervision of the child at home.

In cases other than the above lists of routine discharges from Hospitals for children under 5 years of age, including Infectious Diseases Hospitals, Accident Units, General Hospitals and Paediatric Units are received in this office. These lists give date of admission and discharge, type of illness or accident, but no further case history. The information is forwarded to the Health Visitor who visits and forwards a report to office, further visits are paid if necessary.

There is a special arrangement with Paediatric Units in regard to premature infants. Health Visitors are asked to investigate the home conditions before the discharge, and most Units telephone information giving details of weight, feeding and special care, either the day before or on the day of discharge. Health Visitors are informed and visit immediately carrying out more frequent supervision than is usual with babies who are not premature.

Children considered to be "At Risk" especially in regard to the prevention of deafness are notified by the Health Visitor and in conjunction with the General Practitioner, arrangements are made for specialist attention with possible admission to Hospital, these babies are followed-up carefully on discharge. This also applies to babies investigated in respect of Phenylketonuria.

Admissions and discharges of long stay Geriatric cases are notified by the Geriatric Units and by Hospitals having Geriatric patients. The Health Visitor is given this information and pays a first investigating visit, continuing to visit according to patients need and forwarding reports to office in respect of any Welfare Services of social need, for example, "Meals on Wheels," Domestic Help, aids for the handicapped, and also puts the patients in touch with any Agency likely to be of assistance. Lists are also received from Hospitals in respect of accidents to the aged and all accidents are investigated as to cause.

Lists are also received from Hospitals dealing with conditions of the eye in respect of the aged. The Health Visitor visits in the same way giving necessary advice and aid.

Chest Clinic Returns are received for all patients suffering from Tuberculosis, discharges from the Chest Hospitals are notified and the Health Visitor is informed. Health Visitors supervise all cases of Tuberculosis.

TABLE 16.
DOMICILIARY VISITS.

Maternity and Child Welfare.—

Ante-Natal First visits	..	..	..	..	..	5,827
Revisits	..	..	..	..	..	2,463
Births First visits	..	..	..	..	..	17,461
Revisits to children	under 1 year	..	..	..	..	51,089
,, „ „	1—2 years	..	..	..	..	40,260
,, „ „	2—3 „	..	..	..	..	38,351
,, „ „	3—4 „	..	..	..	..	35,950
,, „ „	4—5 „	..	..	..	..	36,920
,, „ „	5—6 „	..	..	..	..	97
Other visits	..	..	..	..	..	4,747
			Total	..	..	232,625

Tuberculosis.—

First visits	..	..	..	..	..	614
Revisits	..	..	..	..	..	13,988
Other visits	..	..	..	..	..	1,087
			Total	..	..	15,689

School Work.—

School Children (Home visits)	13,172
do. (School visits)	1,262
			Total	14,436

General Health.—

Visits	2,676
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Mental Deficiency.—

Visits paid to mentally subnormal persons	7,597
---	----	----	----	----	----	-------

Aged People.—

Visits	7,859
--------	----	----	----	----	----	-------

Summary.—

Ineffective visits	..	..	..	..	..	36,684
Total number of visits	..	..	..	..	..	317,564
Number of effective visits	..	..	..	..	..	280,880
Time (as days) spent on visits (routine, other and ineffective)	..	..	..	..	..	14,277
Average daily number of effective visits per health visitor	..	..	..	..	..	20

Clinic, Etc., Work.—

Time (as days) spent.—

(a) at maternity and child welfare centres	..	..	..	..	..	6,700
(b) at chest clinics and contact sessions	..	..	..	..	..	1,168
(c) at school head to head inspections	..	..	..	..	..	667
(d) at school clinics	..	..	..	..	..	115
(e) conducting children to special schools	..	..	..	..	..	158
(f) assisting with school medical inspections	..	..	..	..	..	345
(g) at nursery schools	..	..	..	..	..	56

Cases reported to district Medical Officers of Health.—

Overcrowding	..	..	..	..	..	..	24
Sanitary defects	..	..	..	..	..	..	42

Many letters are received from Almoners attached to all the Hospitals in the Administrative County and in the neighbouring Authorities regarding Hospital patients either prior to, or on discharge giving special histories and any recommendations for the patients care in the community. Health Visitors are given this information initially and investigate conditions, later visiting according to the patients' needs. Most of these visits are for social aid including personal hygiene or personal problems among the family unit, as well as the implementing of all available Welfare Services and also includes visits for social enquiries into some cases discharged from Psychiatric Hospitals.

The work done by the Health Visitor for patients discharged from Hospital into community care is increasing, is very satisfying to the Health Visitor, and would appear to be beneficial to those discharged.

Health Visitor and General Practitioner.—A pilot scheme was started near the end of the year with one General Practitioner. A Health Visitor attends for one session weekly at his surgery. In the beginning her duties consisted mainly in discussing patients attending the surgery but this has developed considerably. At present the Health Visitor has a room of her own in the surgery, scales have been bought for weighing purposes, ante-natal facilities provided and Health Education is undertaken by the Health Visitor. Cases are referred from the Doctor's ante-natal clinic to a relaxation session held by the same Health Visitor in another part of the city.

Mothers attending the Doctor's Baby Clinic with feeding problems are referred to the Health Visitor and cases are brought to her notice for home visiting and social advice by the Physician. Problems of the aged and infirm are discussed and assessed and the Health Visitor is able to get in touch with Local Authority Services and Voluntary Agencies regarding such things as Meals on Wheels, Domestic Help, aids for the Handicapped and Convalescent holidays. It is envisaged that these services will be offered to other Medical Practitioners who request it.

VACCINATION AND IMMUNISATION.

Smallpox, Diphtheria and Whooping Cough.—Propaganda leaflets drawing attention to the need for children to be protected against smallpox, whooping cough and diphtheria are sent to parents by post when their children attain the age of three months. Further propaganda regarding immunisation against diphtheria is despatched when children are one year old and again at four years nine months. All such propaganda gives details of the facilities available for vaccination and immunisation.

Details in respect of all children vaccinated and immunised are supplied to health visitors to enable them to visit and advise in respect of those children not so protected, while the assistant welfare medical officers give smallpox advice at the child welfare centres.

The vaccinations and immunisations are carried out by the general practitioners at their surgeries and the assistant welfare medical officers at the welfare centres.

Diphtheria immunisation schemes were undertaken at schools in the Consett Urban District during April, May and June, and in the Billingham Urban District during February, April, May, June and July.

TABLE 13.

PREMATURE BIRTHS—1961.

(This table includes live births and still-births of $5\frac{1}{2}$ lbs. or less at birth. Births in an ambulance or in the street are listed under the place to which the case was immediately transferred.)

1. NUMBER OF PREMATURE LIVE BIRTHS NOTIFIED (AS ADJUSTED BY TRANSFERRED NOTIFICATIONS).

(a) In hospital	920
(b) At home	335
*(c) In private nursing homes	2
TOTAL	<u>1,257</u>

2. NUMBER OF PREMATURE STILL-BIRTHS NOTIFIED (AS ADJUSTED BY TRANSFERRED NOTIFICATIONS).

(a) In hospital	191
(b) At home	40
*(c) In private nursing homes	1
TOTAL	<u>232</u>

* "Private Nursing Homes" includes nursing homes and maternity hospitals and homes not in the National Health Service and Mother and Baby Homes where women are confined in the Home

Weight at Birth	PREMATURE LIVE BIRTHS												PREMATURE STILL-BIRTHS					
	Born in Hospital			Born at Home and nursed entirely at home			Born at Home and transferred to Hospital on or before 28th day			Born in Nursing Home and nursed entirely there			Born in Nursing Home and transferred to Hospital on or before 28th day			Born in Hospital	Born at Home	Born in Nursing Home
	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days			
3 lbs. 4 ozs. or less (1,500 gms. or less) ..	141	71	47	14	11	3	21	5	11	—	—	—	—	—	—	98	18	1
Over 3 lbs. 4 ozs. up to and including 4 lbs. 6 ozs. (1,500-2,000 gms.) ..	194	25	159	15	4	10	25	2	21	—	—	—	—	—	—	49	10	—
Over 4 lbs. 6 ozs. up to and including 4 lbs. 15 ozs. (2,000-2,250 gms.) ..	213	8	200	51	1	49	12	—	9	1	—	1	—	—	—	20	5	—
Over 4 lbs. 15 ozs. up to and including 5 lbs. 8 ozs. (2,250-2,500 gms.) ..	372	4	355	178	—	167	19	4	12	1	—	1	—	—	—	24	7	—
TOTALS	920	108	761	258	16	229	77	11	53	2	—	2	—	—	—	191	40	1

^a The group under this heading includes cases born in one hospital and transferred to another.



District.	Live Births Registered.	Number of children who had completed a full course of Immunisation at any time up to 31st December, 1961.			Records received during the year of full courses of primary immunisation.			Records received during the year of reinforcing injections.		
		1960	1961	Under 5	5-15	Under 5	5-15	Total	0-15	
<i>Area No. 1.</i>										
Blaydon U.D.	..	530	531	1,446	3,321	449	41	490	211	
Ryton U.D.	..	221	189	661	1,609	210	11	221	111	
Whickham U.D.	..	397	454	1,470	2,802	369	40	409	207	1
<i>Area No. 2.</i>										
Jarrow M.B.	..	577	557	1,237	3,833	384	54	438	174	
Felling U.D.	..	710	754	1,890	3,082	644	46	690	235	
Hebburn U.D.	..	545	522	1,307	3,032	405	57	462	183	
<i>Area No. 3.</i>										
Consett U.D.	..	649	692	1,895	5,101	576	836	1,412	1,665	
Stanley U.D.	..	760	728	2,266	5,924	604	699	1,303	1,236	
Lanchester R.D.	..	223	245	582	1,620	165	24	189	88	
<i>Area No. 4.</i>										
Chester-le-Street U.D.	..	294	289	845	1,974	264	36	300	127	
Chester-le-Street R.D.	..	676	687	1,576	4,261	480	51	531	208	
<i>Area No. 5.</i>										
Boldon U.D.	..	429	442	954	1,690	348	26	374	111	
Henton U.D.	..	326	272	505	1,388	147	21	168	36	
Houghton-le-Spring U.D.	..	582	565	1,351	2,731	435	68	503	124	
Seaham U.D.	..	495	485	981	2,754	334	69	403	92	
Washington U.D.	..	368	368	927	2,012	279	31	310	65	
Sunderland R.D.	..	572	497	1,136	2,497	344	30	374	128	
<i>Area No. 6.</i>										
Crook & Willington U.D.	..	391	383	847	2,063	255	40	295	141	
Tow Law U.D.	..	52	47	116	337	40	19	59	20	
Weardale R.D.	..	111	120	427	893	108	22	130	58	
<i>Area No. 7.</i>										
Durham M.B.	..	310	289	749	1,846	220	41	261	136	
Brandon & Byshotties U.D.	..	395	355	992	2,097	274	54	328	102	
Durham R.D.	..	643	645	1,516	2,929	503	64	567	233	
<i>Area No. 8.</i>										
Barnard Castle U.D.	..	99	85	230	469	65	7	72	34	
Barnard Castle R.D.	..	300	243	797	1,972	210	72	282	81	
<i>Area No. 9.</i>										
Bishop Auckland U.D.	..	650	626	1,401	3,180	429	92	521	179	
Shildon U.D.	..	210	261	595	1,113	171	20	191	65	
Spennymoor U.D.	..	336	329	622	1,981	207	23	230	27	
<i>Area No. 10.</i>										
Hartlepool M.B.	..	394	320	812	2,185	216	30	246	41	
Billingham U.D.	..	762	743	2,301	4,926	519	165	684	1,442	
Darlington R.D.	..	531	526	1,398	1,945	390	54	444	199	
Sedgefield R.D.	..	570	552	1,364	3,023	445	85	530	149	
Stockton R.D.	..	144	191	353	753	106	34	140	80	
<i>Easington R.D.</i>	..	1,707	1,689	4,351	8,127	1,375	139	1,514	378	
<i>Stockton M.B.</i>	..	1,663	1,730	3,493	9,446	1,007	361	1,368	982	
Administrative County	..	17,622	17,411	43,393	98,916	12,977	3,462	16,439	9,348	

The number of children in the county immunised up to 31st December, expressed as a proportion of the mid-1961 child population was : 0 - 5 years, 52% and 5 - 15 years, 63.6%.

TABLE 20.

ADMINISTRATIVE COUNTY OF DURHAM. — Poliomyelitis Vaccination, 1961.

District	Number of Persons vaccinated with two injections.					Number of persons who received third injections during the year	Number of persons who received fourth injections during the year	Number of applicants awaiting first injection at 31.12.61.				
	Children born in the years 1943-1961	Young persons born in the years 1933-1942	Persons born before 1933 who have not passed their 40th birthday	Others Aged 40 or over and persons whose age is unknown	TOTAL			Children born in the years 1943-1961	Young persons born in the years 1933-1942	Persons born before 1933 who have not passed their 40th Birthday	Others aged 40 or over and persons whose age is unknown	TOTAL
1. Blaydon U.D. Ryton U.D. Whickham U.D. . . . }	1,196	263	654	46	2,159	3,614	1,126	190	7	1	—	198
2. Jarrow M.B. Felling U.D. Hebburn U.D. . . . }	2,175	739	1,062	35	4,011	4,468	2,832	14	31	—	—	45
3. Consett U.D. Stanley U.D. Lanchester R.D. . . . }	2,612	524	928	184	4,248	2,240	4,755	166	21	8	12	207
4. Chester-le-Street U.D. Chester-le-Street R.D. . . . }	953	422	454	16	1,845	1,424	2,527	3	—	3	—	6
5. Boldon U.D. Hetton U.D. Houghton-le-Spring U.D. Seaham U.D. Washington U.D. Sunderland R.D. . . . }	2,505	795	1,150	76	4,526	4,445	5,024	8	3	1	—	12
6. Crook & Willington U.D. Tow Law U.D. Weardale R.D. . . . }	1,065	308	318	23	1,714	1,091	1,325	—	—	—	—	—
7. Durham M.B. Brandon & Byshottles U.D. Durham R.D. . . . }	1,648	565	1,068	224	3,505	2,248	4,585	1	—	—	—	1
8. Barnard Castle U.D. Barnard Castle R.D. . . . }	495	137	318	25	975	765	1,002	2	—	—	—	2
9. Bishop Auckland U.D. Shildon U.D. . . . }	1,419	417	770	105	2,711	2,262	2,945	11	—	—	—	11
10. Hartlepool M.B. Billingham U.D. Darlington R.D. Sedgefield R.D. Stockton R.D. . . . }	2,651	963	1,426	76	5,116	4,472	5,697	38	20	7	—	65
Easington R.D. . . .	1,601	424	741	27	2,793	2,439	3,961	—	—	—	—	—
Stockton M.B. . . .	2,043	418	842	24	3,327	2,399	342	320	54	65	1	440
ADMINISTRATIVE COUNTY ..	20,363	5,975	9,731	861	36,930	31,867	36,121	753	136	85	13	987

TABLE 19.

ADMINISTRATIVE COUNTY OF DURHAM.—WHOOPING COUGH
IMMUNISATION, 1961.

Number of children who had completed a primary course (normally 3 injections) of Pertussis vaccine (singly or in combinations) for which records were received during the year.

District.	Under 1	1 to 4	5 to 14	Total.
<i>Area No. 1.</i>				
Blaydon U.D.	137	311	24	472
Ryton U.D.	55	153	10	218
Whickham U.D.	157	211	23	391
<i>Area No. 2.</i>				
Jarrow M.B.	75	306	45	426
Felling U.D.	175	465	36	676
Hebburn U.D.	71	319	35	425
<i>Area No. 3.</i>				
Consett U.D.	192	375	37	604
Stanley U.D.	221	376	33	630
Lanchester R.D.	48	117	11	176
<i>Area No. 4.</i>				
Chester-le-Street U.D.	70	188	19	277
Chester-le-Street R.D.	123	345	33	501
<i>Area No. 5.</i>				
Boldon U.D.	68	269	26	363
Hetton U.D.	35	113	20	168
Houghton-le-Spring U.D.	106	324	53	483
Seaham U.D.	61	210	21	292
Washington U.D.	57	225	23	305
Sunderland R.D.	68	257	44	369
<i>Area No. 6.</i>				
Crook U.D.	43	187	30	260
Tow Law U.D.	9	28	9	46
Weardale R.D.	28	76	14	118
<i>Area No. 7.</i>				
Durham M.B.	50	165	33	248
Brandon U.D.	64	200	54	318
Durham R.D.	130	372	61	563
<i>Area No. 8.</i>				
Barnard Castle U.D.	26	39	7	72
Barnard Castle R.D.	63	146	24	233
<i>Area No. 9.</i>				
Bishop Auckland U.D.	137	284	63	484
Shildon U.D.	60	110	12	182
Spennymoor U.D.	62	144	24	230
<i>Area No. 10.</i>				
Hartlepool M.B.	31	178	11	220
Billingham U.D.	160	356	7	523
Darlington R.D.	94	294	43	431
Sedgefield R.D.	153	286	71	510
Stockton R.D.	25	81	9	115
<i>Easington R.D.</i>	337	712	70	1,119
<i>Stockton M.B.</i>	241	574	33	848
ADMINISTRATIVE COUNTY	3,432	8,797	1,068	13,297

Tables 17, 18 and 19 give details of the numbers vaccinated and immunised in the county.

Poliomyelitis Vaccination.—Vaccination against poliomyelitis was continued during the year and was extended to include the offer of a reinforcing fourth dose to children when they enter school (normally at the age of five) ; and also children of five and over already at school who have not reached the age of twelve.

At the end of the year 264,628 cases had received two injections ; of these 213,077 had received their third injections, 36,121 had received fourth injections and 987 were awaiting vaccination.

Table 20 gives details of poliomyelitis vaccinations carried out during the year.

AMBULANCE SERVICE.

The routine operation of the Service continued satisfactorily throughout the year.

Twenty-eight new conventional ambulances and one light sitting-case vehicle were provided as replacements in the ambulance fleet during the year, and an order was placed for the supply of a further fourteen conventional ambulances and eight light sitting-case vehicles.

Negotiations were entered into for the building of a new depot at Bishop Auckland and for securing a site for a new out-station at Middleton-in-Teesdale. Pending the completion of building a new out-station at Barnard Castle temporary garage accommodation was found for the ambulance, previously housed at South Cleatlam. Work on the installation of a vehicle lift and partition was completed at the Stanley depot, and minor improvements were effected at other depots during the year.

An adjustment was made in the operational function of the New Herrington depot by transferring one of the ambulances scheduled for emergency duties to the Wheatley Hill depot, thus enabling the general service cover provided by the New Herrington depot to be improved.

Casual labour was again recruited to provide temporary driver-attendants during the holiday period of the permanent driving staff, and arrangements were put in hand for the peace time personnel to undertake training in Civil Defence measures.

A satisfactory liaison was maintained throughout the year with trades union representatives regarding staff remuneration, working conditions and amenities generally, including the negotiating of a reduction in the working week from 44 to 42 hours and the payment of wages one week in arrear in order to bring the ambulance driving staff into line with other weekly paid employees of the County Council.

TABLE 21.

Year	No. of Journeys made	No. of Patients carried			Total Mileage covered
		Stretcher cases	Sitting cases	Total	
1960	89,368	52,608	266,756	319,364	2,284,635
1961	88,588	54,201	282,818	337,019	2,318,275
Increase or decrease	—780	+1,593	+16,062	+17,655	+33,640

Long Distance Journeys.—The following is a statement of long distance journeys undertaken during the year.—

Buckinghamshire	..	2	London	..	..	1
Cumberland	..	23	Northumberland	..	4	
Derbyshire	..	1	Nottinghamshire	..	4	
Essex	..	3	Oxford	..	1	
Hertfordshire	..	1	Warwickshire	..	2	
Lancashire	..	5	Yorkshire	..	55	
Leicestershire	..	2	Scotland	..	..	1
Totals : Journeys			105			
Mileage			23,094			

Of 275 drivers entered for the National Safe Driving Competition for 1961, organised by the Royal Society for the Prevention of Accidents, 250 qualified to receive an award.

ORGANISATION.—

Headquarters control	1	Headquarters staff..	16
Agent controls	2	Headquarters control staff :	
Message receiving centres	..	Supervisors ..	4
Ambulance depots :		Control room assistants ..	6
24-hour service	.. 11	Telephonists ..	3
12-hour service	.. 7	Radio operator ..	1
	18		14
Ambulances ..	90	Depot telephonists	4
Light sitting case vehicles ..	12	Liaison officers ..	3
Cars ..	2	Depot superintendents ..	.. 14
Breakdown vehicle ..	1	Senior drivers ..	32
		Driver-attendants ..	240
		Mechanics ..	4

(a) *Controls.*—For operational purposes, the drivers and vehicles are grouped in 17 unit areas, and these areas are further grouped into five message receiving centre areas and two agent-control areas (for details of grouping see Table 22).

The message receiving centres are in direct telephone communication with the central control, their functions being to receive calls for ambulance transport and, after notifying headquarters control of the details, to act on the instructions of the duty supervisor. The message receiving centres, the agent-controls, Hartlepool, New Herrington and Wheatley Hill depots and the three out-stations maintain a regular 24-hour cover to deal with emergencies, and also provide vehicles for general service duties, while the remaining seven depots provide vehicles to deal with general service duties from 8 a.m. to 8 p.m. on weekdays and 8 a.m. to 4 p.m. on Saturdays.

(b) *Depots.*—The number of depots in the scheme is 18, comprising seven main depots, seven day depots, one small coastal depot, and three rural out-stations covering Weardale and Teesdale.

(c) *Vehicles.*—At the end of 1960 there were 80 ambulances, 14 light sitting-case vehicles and two cars. The corresponding numbers at the end of 1961 were 90 ambulances, 12 light sitting-case vehicles and two cars, the increase in the fleet being accounted for as follows.—

	<i>Ambulances</i>	<i>Light</i>	
	<i>Conven-</i>	<i>Sitting-case</i>	<i>Cars</i>
	<i>tional</i>	<i>vehicles</i>	
Number of vehicles at beginning of year	80	14	2
Unserviceable and withdrawn during the year	18	3	
New vehicles	28	1	
Number of vehicles at end of year	90	12	2

During the year 90 vehicles required major repairs and 538 minor repairs.

(d) *Staff.*—

(i) *Headquarters.*—There were no changes in the number of staff at headquarters during the year.

(ii) *Controls.*—The central control is manned continuously by a supervisor and staff of control room assistants (all males) working on a shift system. At four of the message receiving centres a male telephonist is employed on a day shift, the driving staff manning the telephone for the balance of each 24 hours.

(iii) *Driver-attendants.*—The total number of depot staff employed in the service at the end of the year was 286 (including 14 depot superintendents and 32 senior drivers), a decrease of four on the number for 1960.

(iv) *Mechanics.*—Four mechanics are employed and operate at repair units located at Crook, Durham, Stanley and Wheatley Hill.

Details of the work done in the unit areas is shewn in Table 23 and Table 24 records work done by the service since inception.

M.R.C. No.	Address of Message Receiving Centre	Unit Area No.	Districts served.	Telephone Number.
1	Ambulance Station, Ushaw Road, HEBBURN.	1	<i>East Tyneside:</i> Jarrow M.B. ; Hebburn U.D. ; Felling U.D. <i>North Eastern:</i> Washington U.D. ; Boldon U.D. ; Sunderland R.D. (that part lying north of the River Wear).	HEBBURN 832157.
3	Ambulance Station, East Street, STANLEY.	2	<i>West Tyneside:</i> Whickham U.D. ; Blaydon U.D. ; Ryton U.D. <i>Stanley:</i> Stanley U.D.	STANLEY 570.
4		3	<i>Consett:</i> Consett U.D. ; Lanchester R.D. (the Civil parishes of Muggleswick and Healeyfield) ; Weardale R.D. (the Civil parishes of Hunstanthorpe and Edmondbyers). Also the township of Blanchland and the parts of Shotley Bridge in Northumber- land.	
8	*Ambulance Station, Byron Street, WHEATLEY HILL.	6	<i>Houghton:</i> Houghton-le-Spring U.D. ; Sund- erland R.D. (that part lying south of the River Wear) ; Durham R.D. (the Civil parish of Rainton).	DURHAM 3426.
7		7	<i>Seaham:</i> Seaham U.D. ; Easington R.D. (the Civil parishes of Burdon, Cold Hesledon, Dalton-le- Dale, East Murton, Seaton-with-Slingley, and Warden Law).	DURHAM 3426.
9	*Ambulance Station, Elwick Road, WEST HARTLEPOOL.	8	<i>Easington:</i> Easington R.D. (the Civil parishes of Castle Eden, Easington, Haswell, Hawthorn, Horden, Hutton Henry, Monk Hesledon, Nesbitt, Peterlee, Sheraton-with-Hulam, Shotton, Thornley and Wingate).	DURHAM 3426.
11	Ambulance Station, Grangefield Road, STOCKTON-ON-Tees.	9	<i>Hartlepool:</i> Hartlepool M.B. ; Stockton R.D. (the Civil parishes of Brierton, Claxton, Dalton Piercy, Elwick, Elwick Hall, Greatham, Hart, Newton Bewley and Seaton).	HARTLEPOOLS 2011.
11	Ambulance Station, Grangefield Road, STOCKTON-ON-Tees.	11	<i>Stockton:</i> Stockton M.B. ; Billingham U.D. ; Stockton R.D. (the Civil parishes of Aislaby, Carlton, Eggle- cliffe, Elton, Grindon, Longnewton, Newsham, Norton, Preston-on-Tees, Redmarshall, and Witton).	STOCKTON 67410.
12	*Ambulance Station, Borough Road, DARLINGTON.	12	<i>Darlington:</i> Darlington R.D.	DARLINGTON 33333.
14	Ambulance Station, South Church Road, BISHOP AUCKLAND.	13	<i>Barnard Castle:</i> Barnard Castle U.D. ; Barnard Castle R.D. (excluding the Civil parishes of Bolam, Etherley, Evenwood-and-Barony, Hamsterley, and South Bedburn).	BISHOP AUCKLAND 810.
14		14	<i>Bishop Auckland:</i> Bishop Auckland U.D. ; Shildon U.D. ; Spenny- moor U.D. ; Barnard Castle R.D. (the Civil parishes of Bolam, Etherley, Evenwood-and- Barony, Hamsterley and South Bedburn).	BISHOP AUCKLAND 810.
16	Ambulance Headquarters, Framwellgate Moor, DURHAM.	10	<i>Western:</i> Crook and Willington U.D. ; Tow Law U.D. ; Weardale R.D. (excluding the Civil parishes of Hunstanthorpe and Edmondbyers in No. 4 Unit Area).	CROOK 3426.
16		15	<i>Sedgefield:</i> Sedgefield R.D. <i>Chester-le-Street:</i> Chester-le-Street U.D. ; Chester-le-Street R.D.	SEDGEFIELD 3426.
16		16	<i>Durham:</i> Durham M.B. ; Brandon U.D. ; Durham R.D. (excluding the Civil parish of Rainton in No. 6 Unit Area) ; Lanchester R.D. (excluding the Civil parishes of Muggleswick and Healeyfield in No. 4 Unit Area).	DURHAM 3426.

*Agent Control.

†24-hour depot, message receiving function undertaken by Headquarters Control.

the first two columns of the table. The third column gives the number of individuals in each age group. The fourth column gives the mean age of each group. The fifth column gives the mean age of all individuals in the sample. The sixth column gives the mean age of all individuals in the sample, weighted by the number of individuals in each age group. The seventh column gives the mean age of all individuals in the sample, weighted by the number of individuals in each age group and adjusted for the mean age of each group.

Table 1. Mean ages of all individuals in the sample, and mean ages of individuals in each age group, for each sex.

Sex	Age group	No. of individuals	Mean age	Mean age of all individuals	Mean age of all individuals, weighted by no. of individuals in each age group	Mean age of all individuals, weighted by no. of individuals in each age group and adjusted for mean age of each group
Males	0-10	100	4.5	37.5	37.5	37.5
Males	11-20	100	15.5	37.5	37.5	37.5
Males	21-30	100	25.5	37.5	37.5	37.5
Males	31-40	100	35.5	37.5	37.5	37.5
Males	41-50	100	45.5	37.5	37.5	37.5
Males	51-60	100	55.5	37.5	37.5	37.5
Males	61-70	100	65.5	37.5	37.5	37.5
Males	71-80	100	75.5	37.5	37.5	37.5
Males	81-90	100	85.5	37.5	37.5	37.5
Males	91-100	100	95.5	37.5	37.5	37.5
Males	101-110	100	105.5	37.5	37.5	37.5
Males	111-120	100	115.5	37.5	37.5	37.5
Males	121-130	100	125.5	37.5	37.5	37.5
Males	131-140	100	135.5	37.5	37.5	37.5
Males	141-150	100	145.5	37.5	37.5	37.5
Males	151-160	100	155.5	37.5	37.5	37.5
Males	161-170	100	165.5	37.5	37.5	37.5
Males	171-180	100	175.5	37.5	37.5	37.5
Males	181-190	100	185.5	37.5	37.5	37.5
Males	191-200	100	195.5	37.5	37.5	37.5
Males	201-210	100	205.5	37.5	37.5	37.5
Males	211-220	100	215.5	37.5	37.5	37.5
Males	221-230	100	225.5	37.5	37.5	37.5
Males	231-240	100	235.5	37.5	37.5	37.5
Males	241-250	100	245.5	37.5	37.5	37.5
Males	251-260	100	255.5	37.5	37.5	37.5
Males	261-270	100	265.5	37.5	37.5	37.5
Males	271-280	100	275.5	37.5	37.5	37.5
Males	281-290	100	285.5	37.5	37.5	37.5
Males	291-300	100	295.5	37.5	37.5	37.5
Males	301-310	100	305.5	37.5	37.5	37.5
Males	311-320	100	315.5	37.5	37.5	37.5
Males	321-330	100	325.5	37.5	37.5	37.5
Males	331-340	100	335.5	37.5	37.5	37.5
Males	341-350	100	345.5	37.5	37.5	37.5
Males	351-360	100	355.5	37.5	37.5	37.5
Males	361-370	100	365.5	37.5	37.5	37.5
Males	371-380	100	375.5	37.5	37.5	37.5
Males	381-390	100	385.5	37.5	37.5	37.5
Males	391-400	100	395.5	37.5	37.5	37.5
Males	401-410	100	405.5	37.5	37.5	37.5
Males	411-420	100	415.5	37.5	37.5	37.5
Males	421-430	100	425.5	37.5	37.5	37.5
Males	431-440	100	435.5	37.5	37.5	37.5
Males	441-450	100	445.5	37.5	37.5	37.5
Males	451-460	100	455.5	37.5	37.5	37.5
Males	461-470	100	465.5	37.5	37.5	37.5
Males	471-480	100	475.5	37.5	37.5	37.5
Males	481-490	100	485.5	37.5	37.5	37.5
Males	491-500	100	495.5	37.5	37.5	37.5
Males	501-510	100	505.5	37.5	37.5	37.5
Males	511-520	100	515.5	37.5	37.5	37.5
Males	521-530	100	525.5	37.5	37.5	37.5
Males	531-540	100	535.5	37.5	37.5	37.5
Males	541-550	100	545.5	37.5	37.5	37.5
Males	551-560	100	555.5	37.5	37.5	37.5
Males	561-570	100	565.5	37.5	37.5	37.5
Males	571-580	100	575.5	37.5	37.5	37.5
Males	581-590	100	585.5	37.5	37.5	37.5
Males	591-600	100	595.5	37.5	37.5	37.5
Males	601-610	100	605.5	37.5	37.5	37.5
Males	611-620	100	615.5	37.5	37.5	37.5
Males	621-630	100	625.5	37.5	37.5	37.5
Males	631-640	100	635.5	37.5	37.5	37.5
Males	641-650	100	645.5	37.5	37.5	37.5
Males	651-660	100	655.5	37.5	37.5	37.5
Males	661-670	100	665.5	37.5	37.5	37.5
Males	671-680	100	675.5	37.5	37.5	37.5
Males	681-690	100	685.5	37.5	37.5	37.5
Males	691-700	100	695.5	37.5	37.5	37.5
Males	701-710	100	705.5	37.5	37.5	37.5
Males	711-720	100	715.5	37.5	37.5	37.5
Males	721-730	100	725.5	37.5	37.5	37.5
Males	731-740	100	735.5	37.5	37.5	37.5
Males	741-750	100	745.5	37.5	37.5	37.5
Males	751-760	100	755.5	37.5	37.5	37.5
Males	761-770	100	765.5	37.5	37.5	37.5
Males	771-780	100	775.5	37.5	37.5	37.5
Males	781-790	100	785.5	37.5	37.5	37.5
Males	791-800	100	795.5	37.5	37.5	37.5
Males	801-810	100	805.5	37.5	37.5	37.5
Males	811-820	100	815.5	37.5	37.5	37.5
Males	821-830	100	825.5	37.5	37.5	37.5
Males	831-840	100	835.5	37.5	37.5	37.5
Males	841-850	100	845.5	37.5	37.5	37.5
Males	851-860	100	855.5	37.5	37.5	37.5
Males	861-870	100	865.5	37.5	37.5	37.5
Males	871-880	100	875.5	37.5	37.5	37.5
Males	881-890	100	885.5	37.5	37.5	37.5
Males	891-900	100	895.5	37.5	37.5	37.5
Males	901-910	100	905.5	37.5	37.5	37.5
Males	911-920	100	915.5	37.5	37.5	37.5
Males	921-930	100	925.5	37.5	37.5	37.5
Males	931-940	100	935.5	37.5	37.5	37.5
Males	941-950	100	945.5	37.5	37.5	37.5
Males	951-960	100	955.5	37.5	37.5	37.5
Males	961-970	100	965.5	37.5	37.5	37.5
Males	971-980	100	975.5	37.5	37.5	37.5
Males	981-990	100	985.5	37.5	37.5	37.5
Males	991-1000	100	995.5	37.5	37.5	37.5
Females	0-10	100	4.5	37.5	37.5	37.5
Females	11-20	100	15.5	37.5	37.5	37.5
Females	21-30	100	25.5	37.5	37.5	37.5
Females	31-40	100	35.5	37.5	37.5	37.5
Females	41-50	100	45.5	37.5	37.5	37.5
Females	51-60	100	55.5	37.5	37.5	37.5
Females	61-70	100	65.5	37.5	37.5	37.5
Females	71-80	100	75.5	37.5	37.5	37.5
Females	81-90	100	85.5	37.5	37.5	37.5
Females	91-100	100	95.5	37.5	37.5	37.5
Females	101-110	100	105.5	37.5	37.5	37.5
Females	111-120	100	115.5	37.5	37.5	37.5
Females	121-130	100	125.5	37.5	37.5	37.5
Females	131-140	100	135.5	37.5	37.5	37.5
Females	141-150	100	145.5	37.5	37.5	37.5
Females	151-160	100	155.5	37.5	37.5	37.5
Females	161-170	100	165.5	37.5	37.5	37.5
Females	171-180	100	175.5	37.5	37.5	37.5
Females	181-190	100	185.5	37.5	37.5	37.5
Females	191-200	100	195.5	37.5	37.5	37.5
Females	201-210	100	205.5	37.5	37.5	37.5
Females	211-220	100	215.5	37.5	37.5	37.5
Females	221-230	100	225.5	37.5	37.5	37.5
Females	231-240	100	235.5	37.5	37.5	37.5
Females	241-250	100	245.5	37.5	37.5	37.5
Females	251-260	100	255.5	37.5	37.5	37.5
Females	261-270	100	265.5	37.5	37.5	37.5
Females	271-280	100	275.5	37.5	37.5	37.5
Females	281-290	100	285.5	37.5	37.5	37.5
Females	291-300	100	295.5	37.5	37.5	37.5
Females	301-310	100	305.5	37.5	37.5	37.5
Females	311-320	100	315.5	37.5	37.5	37.5
Females	321-330	100	325.5	37.5	37.5	37.5
Females	331-340	100	335.5	37.5	37.5	37.5
Females	341-350	100	345.5	37.5	37.5	37.5
Females	351-360	100	355.5	37.5	37.5	37.5
Females	361-370	100	365.5	37.5	37.5	37.5
Females	371-380	100	375.5	37.5	37.5	37.5
Females	381-390	100	385.5	37.5	37.5	37.5
Females	391-400	100	395.5	37.5	37.5	37.5
Females	401-410	100	405.5	37.5	37.5	37.5
Females	411-420	100	415.5	37.5	37.5	37.5
Females	421-430	100	425.5	37.5	37.5	37.5
Females	431-440	100	435.5	37.5	37.5	37.5
Females	441-450	100	445.5	37.5	37.5	37.5
Females	451-460	100	455.5	37.5	37.5	37.5
Females	461-470	100	465.5	37.5	37.5	37.5
Females	471-480	100	475.5	37.5	37.5	37.5
Females	481-490	100	485.5	37.5	37.5	37.5
Females	491-500	100	495.5	37.5	37.5	37.5
Females	501-510	100	505.5	37.5	37.5	37.5
Females	511-520	100	515.5	37.5	37.5	37.5
Females	521-530	100	525.5	37.5	37.5	37.5
Females	531-540	100	535.5	37.5	37.5	37.5
Females	541-550	100	545.5	37.5	37.5	37.5
Females	551-560	100	555.5	37.5	37.5	37.5
Females	561-570	100	565.5	37.5	37.5	37.5
Females	571-580	100	575.5	37.5	37.5	37.5
Females	581-590	100	585.5</			

TABLE 23.

ADMINISTRATIVE COUNTY OF DURHAM.—SUMMARY OF AMBULANCE WORK done during the period 1st JANUARY to 31st DECEMBER, 1961.

UNIT AREA	Authorised establishment of men and vehicles		Actual Numbers employed on 31st December, 1961.		GENERAL.												EMERGENCY.												Grand total of cases		Petrol used (galls.)		Derv used (galls.)		Mileage										
	Ambulances.	Cars.	Depot Staff.	:	Ambulances.	Light S.C. Vehicles.	Depot Staff.	:	No. of Journeys.	Admissions to Hospital.		Infectious Diseases Cases.		Tuberculosis Cases.		Hospital Transfers.		Hospital Out-Patient Treatment Cases.		Discharges from Hospital.		Totals		General Hospitals.		Infectious Diseases Cases.		Maternity Cases.		Accidents at Home.		Road Accidents.		Accidents at Sports Meetings.		Industrial Accidents.		Hospital Transfers.		Totals					
	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.									
1. East Tyneside ..	8	2	28	8	2	27	8742	642	538	8	6	1	7	131	201	2149	25242	226	1196	3157	27190	1173	93	20	8	702	75	138	49	266	100	33	9	150	107	184	95	2666	536	5823	27726	8542 $\frac{1}{2}$	1737 $\frac{1}{2}$	172678	
2. West Tyneside ..	5	1	10	5	1	10	3623	341	345	2	5	—	2	69	194	841	14106	225	1577	16229	233	61	—	1	25	13	1	11	5	4	296	143	1774	16372	6300	687	99329								
3. Stanley ..	7	2	28	7	1	27	6864	617	484	2	—	—	2	9	131	175	1037	13330	226	2191	2015	16189	2055	321	4	1	527	315	5	3	152	74	8	2	9	5	60	16	2820	737	4835	16926	10474	1004	176038
4. Consett ..	6	1	12	5	1	11	3670	368	276	2	—	—	15	58	229	332	1965	12649	347	2703	2926	16018	249	21	—	—	26	16	6	6	19	16	8	3	6	1	16	3	330	66	3256	16084	7944	—	115940
5. North-Eastern ..	4	1	8	3	1	7	2164	187	170	3	3	—	1	22	67	303	9852	149	924	665	11017	182	44	—	—	32	31	6	8	24	19	1	1	5	5	3	2	253	110	918	11127	4539	78126		
6. Houghton ..	6	1	24	6	—	23	5350	498	283	3	2	—	1	63	78	646	16551	370	1905	1580	18819	1676	115	10	1	357	233	36	19	128	45	13	2	12	34	4	2274	437	3854	19256	9825	148603			
7. Seaham ..	4	1	8	4	—	8	2513	243	256	2	1	—	8	80	134	462	12162	139	1167	927	13728	238	61	7	1	22	51	15	4	23	2	1	1	4	2	11	6	321	128	1248	13856	4890	—	86778	
8. Easington ..	9	1	32	9	2	30	6811	465	464	2	3	—	1	106	137	1001	25760	252	3341	1826	29705	1740	298	18	4	236	391	9	11	110	54	9	5	8	4	69	11	2199	778	4025	30483	10845 $\frac{1}{2}$	33441 $\frac{1}{2}$	271980	
9. Hartlepool ..	1	1	5	1	—	5	2089	243	117	—	—	—	—	77	72	320	4284	276	2252	916	6725	123	17	—	—	14	105	79	18	48	35	13	5	35	24	39	6	351	210	1267	6935	2118 $\frac{1}{2}$	33835		
9a. West Hartlepool ..	—	—	—	—	—	—	113	—	—	—	—	—	2	13	9	4	13	17	21	5	—	—	9	3	4	1	15	9	1	19	—	4	73	18	86	35	70	1012							
10. Sedgefield ..	5	1	10	4	—	10	3813	240	198	—	—	—	—	180	170	980	9983	111	1756	1511	12107	122	16	—	—	12	41	4	1	1	2	2	1	1	20	4	173	75	1684	12182	4204	340 $\frac{1}{2}$	82713		
11. Stockton ..	9	2	30	7	2	32	9961	1523	574	79	86	—	—	463	261	2112	19089	619	4193	4796	24203	1668	138	87	31	468	227	370	229	246	143	362	174	132	84	120	22	3453	1048	8249	25251	8802	2643	216492	
12. Darlington ..	1	—	2	—	4	—	1253	72	32	—	—	—	—	15	5	106	853	16	98	209	988	2	—	—	5	9	4	1	77	34	8	—	—	96	44	305	1032	904	—	12546					
13. Barnard Castle ..	2	—	4	2	—	4	1055	84	126	—	—	—	—	19	23	146	3952	68	369	317	4470	91	4	—	—	33	16	32	7	31	13	—	1	1	189	41	506	4511	4127	—	62835				
14. Bishop Auckland ..	8	2	30	7	1	31	8678	914	663	13	84	5	45	335	195	1534	13949	646	3746	3447	18682	1787	181	3	—	246	638	46	32	154	93	26	7	21	37	26	52	7	2351	998	5798	19680	12007	941	213671
15. Chester-le-Street ..	6	1	12	5	—	12	4436	332	251	23	8	2	—	121	229	1043	13097	149	1266	1670	14851	349	42	54	12	35	40	7	9	31	27	3	1	10	5	15	5	504	141	2174	14992	5263	816	97684	
16. Durham ..	13	2	40	11	3 $\frac{1}{2}$	39	14491	485	571	12	6	—	1	574	775	2269	25658	537	4447	3877	31458	2340	267	34	4	331	347	47	30	221	107	54	14	26	8	143	31	3196	808	7073	32266	17251	1089	302758	
17. Western ..	6	1	10	6	—	10	2962	274	416	—	24	2	30	131	195	380	11676	194	1686	981	14027	266	22	—	20	38	13	9	28	7	—	7	1	11	—	345	77	1326	14104	8687	—	145239			
	100	20	293	90	14	286	88588	7528	5764	151	228	29	161	2748	3243	17296	232206	4559	34821	32311	276423	14315	1706	237	62	3097	2633	821	438	1610	802	535	246	489	289	786	219	21890	6395	54201	282818	126793 $\frac{1}{2}$	12602 $\frac{1}{2}$	2318275	

[‡] Includes 2 cars.

* County ambulance reinforced as necessary by adjoining County Borough Service.

† Darlington County Borough Council provides service as required.

“S” Stretcher cases conveyed by ambulances.

“C” Sitting cases conveyed by ambulances and cars.

.. Inclusive of depot superintendents, senior drivers and driver-attendants.



TABLE 24.

ADMINISTRATIVE COUNTY OF DURHAM.—Ambulance Service—Statistics, 1948-61.

Year	No. of Journeys	OUT-PATIENTS ONLY			GENERAL SERVICE†			EMERGENCY SERVICE			TOTALS ALL CASES			Total Mileage	Ambulances	Men
		Stretcher cases	Sitting cases	Total	Stretcher cases	Sitting cases	Total	Stretcher cases	Sitting cases	Total	Stretcher cases	Sitting cases	Total			
1948	22,989	3,280	17,846	21,126	15,259	23,762	39,021	1,277	—	1,277	16,536	23,762	40,298	552,486	72	118
1949	61,906	7,395	63,463	70,858	29,609	84,995	114,604	2,321	1,428	3,749	31,930	86,423	118,353	1,501,047	92	248
1950	79,896	10,635	89,624	100,259	34,032	120,982	155,014	2,269	2,008	4,277	36,301	122,990	159,291	1,979,681	86	268
1951	86,429	13,697	128,320	142,017	34,833	163,807	198,640	5,737	5,635	11,372	40,570	169,442	210,012	2,129,585	99	270
1952	90,243	19,587	199,937	219,524	35,954	239,672	275,626	11,044	6,778	17,822	46,998	246,450	293,448	2,268,166	93	271
1953	92,329	18,527	197,915	216,442	34,374	240,721	275,095	12,322	7,373	19,695	46,696	248,094	294,790	2,286,856	91	272
1954	93,135	19,267	196,621	215,888	35,221	241,757	276,978	14,357	7,277	21,634	49,578	249,034	298,612	2,253,087	100	281
1955	90,796	18,220	208,783	227,003	33,559	254,652	288,211	15,424	7,553	22,977	48,983	262,205	311,188	2,303,313	97	272
1956	89,380	18,584	203,795	222,379	34,405	248,310	282,715	16,640	7,319	23,959	51,045	255,629	306,674	2,259,284	98	283
1957	91,504	17,691	203,104	220,795	34,781	249,720	284,501	18,071	7,480	25,551	52,852	257,200	310,052	2,269,711	91	277
1958	89,853	17,926	200,533	218,459	34,696	247,873	282,569	17,915	6,923	24,838	52,611	254,796	307,407	2,257,907	94	290
1959	86,380	15,996	199,211	215,207	31,788	244,302	276,090	18,657	6,596	25,253	50,445	250,898	301,343	2,212,705	86	289
1960	89,368	16,401	214,301	230,702	32,036	259,967	292,003	20,572	6,789	27,361	52,608	266,756	319,364	2,284,635	80	290
1961	88,588	17,296	232,206	249,502	32,311	276,423	308,734	21,890	6,395	28,285	54,201	282,818	337,019	2,318,275	90	286

* Half year only.

† Part of the increase in the figures recording the patients carried is due to the revised method of annual costing laid down by the Ministry of Health in Circular 25/51, which became operative on 1st August, 1951.

‡ Includes figures shown under "OUT-PATIENTS ONLY".

PREVENTION OF ILLNESS, CARE AND AFTER-CARE.

Close liaison is maintained between the chest clinics, county health visitors and the County Health Department. Voluntary care committees exist in some areas and give help outside the range of official assistance, but the need for the establishment of such committees in other chest clinic areas is again stressed by certain physicians.

The opinion is expressed by a number of chest physicians that, although the tuberculosis picture generally continues to show improvement we cannot afford to relax our preventative measures. Two main problems remain—(i) the pool of infection still in the elderly age group, some of which is being regarded only as chronic bronchitis and (ii) immigration from countries with high tuberculosis infection rates. Dr. J. D. Trail of Chester-le-Street Clinic suggests that such immigrants should be examined and x-rayed when entering the country.

Concern is expressed at the lung cancer problem and Dr. Trail states that suspect bronchogenic cancer is a condition which should be regarded as emergency and every effort made to cut down the period of waiting from the General Practitioner or Chest Physician to the Consultant Thoracic Surgeon. He suggests that special diagnostic clinics attached to Chest Units at all hospitals of reasonable size are essential. Dr. K. M. Chalmers of Stockton Chest Clinic reports that there has been a steady rise in the number of cases found to have bronchogenic neoplasms.

Dr. Chalmers also reports that of thirteen patients on the Stockton Clinic Register who died during the year only two deaths were primarily due to tuberculosis and in neither of these cases did the patient co-operate fully in taking treatment.

Contacts.—The following information has been supplied by the chest physicians.—

Sunderland (Dr. A. B. White).

"341 contacts from 65 new cases of tuberculosis were examined. This gives an average of 5.25 contacts per case as compared with 4.75 per case in 1960, 4.3 per case in 1959, 3.3 per case in 1958 and 3.5 per case in 1957. Seven cases of active pulmonary tuberculosis were found as a result of contact examination. 194 contacts were tuberculin tested and 172 found to be negative and were vaccinated with B.C.G. whilst in five cases the parents refused vaccination."

Bishop Auckland (Dr. W. Clark).

"Contact Clinic was run as in previous years and during 1961 there were 245 new contacts in attendance in relationship to 61 new cases of tuberculosis. 112 contacts were given B.C.G. vaccination during the year. All known cases of tuberculosis on the Clinic Register were given the opportunity to attend the Clinic at least once in the year for review and the majority of such people took advantage of the opportunity."

Stanley and Consett (Dr. F. O. Potter).

	Stanley	Consett
No. of cases notified in 1961	35	27
No. of contacts of these cases examined	119	94
No. of contacts found to have tuberculosis	1	2

West Hartlepool (Dr. J. B. Robinson).

31 cases were notified and 185 contacts were examined.

Employment.—There is continued co-operation between the Ministry of Labour, chest physicians, medical officers of health and employers. The following extracts are taken from the reports of the chest physicians.

Sunderland (Dr. A. B. White).

"Seven cases were seen at the Rehabilitation Clinic with the Disablement Resettlement Officer. Two were found employment, two were sent for training and three were unemployed or sick at date of review. The help of the Ministry of Labour is invaluable with the rehabilitation and after-care work."

Stanley and Consett (Dr. F. O. Potter).

"Patients were advised regarding their employment, and if indicated, and the patients agreed, then contact examination is offered to their immediate associates at work. Re-settlement clinics are held in conjunction with the Labour Exchange and the Medical Officer of Health is available to give advice in placing doubtful cases. Medical Officer of Health refers doubtful conditions of work to Chest Physicians to take up with patient concerned. Good liaison is maintained with the Industrial Medical Officers of the numerous local industries with a view to the discussion and solution of any problems that may arise. It is noted that, owing to the changed industrial situation, the rehabilitation of tuberculous patients is becoming more difficult than hitherto."

Notification.—During the year there were six posthumous notifications and 18 cases died without ever being notified. Contacts of all these cases are followed up in the usual way.

Ascertainment Schemes for Early Cases among Children and others.—Advantage continues to be taken of all facilities available for routine examinations and the chest physicians report good co-operation with the paediatric services.

Special Case Finding Surveys.—Continued use is made of the mass miniature radiography service which makes routine visits to most areas of the county twice yearly. In addition, special visits are made to schools, works and factories, if considered necessary.

Resistant Positive Cases of Tuberculosis.—Special visiting and supervision is made by health visitors to cases which are persistently found by chest physicians to be positive and whose germs are resistant to some or all of the standard drugs.

B.C.G. Vaccination.—Routine vaccination is carried out by the chest physicians at the chest clinics and during the year 2,263 contacts were skin tested and 1,277 vaccinated.

Tuberculin testing and vaccination of schoolchildren aged 12 years and upwards was undertaken by the assistant county medical officers. During the year 13,385 schoolchildren were skin tested and 9,924 received vaccination.

238 students attending further education establishments were skin tested and 144 were vaccinated.

TABLE 25.

PREVENTION OF ILLNESS, CARE AND AFTER CARE.

Summary of provision made during 1961.

DISTRICTS	Air Cushions	Bath Rails	Bathmats (Sorbo)	Bath Seats	Bedpans	Bedsteads	Bed Cradles	Bed Packs (sets)	Bed-Tables	Bedrests	Blankets	Bungalow Baths	Commodes	Cots (adult)	Cotton Sheets	Crutches (pairs)	Cushions (Dunlopillo)	Eneurusis Sets	Feeding Cups	Fireguards	Fracture Boards (sets)	Invalid Chairs	Junior Push	Push	Rim-driven	Stairway	Leg Rests	Lifting Poles	Mattress (Dunlopillo)	Mattress (Hair)	Pillows	Pillows (Dunlopillo)	Pillow Cases	Plastic Gloves	Rubber-sheeting	Rubber Toilet Seats	Spinal Carriages	Sputum Mugs	Urine Bottles	Walkie Pens	Walking Machines	Walking Sticks	Walking Sticks (Tripod)
1. Blaydon U.D. Ryton U.D. Whickham U.D.	64	—	—	—	70	3	11	1	—	67	—	—	20	1	—	4	4	—	1	3	15	3	—	1	3	10	—	—	54	—	2	—	35	—	—	—							
2. Jarrow M.B. Felling U.D. Hebburn U.D.	43	—	—	—	97	3	18	—	—	65	—	—	28	3	—	3	5	11	5	1	3	42	4	—	4	3	16	—	—	85	—	1	—	32	1	2	11						
3. Consett U.D. Stanley U.D. Lanchester R.D.	24	—	—	—	41	11	13	3	1	41	—	—	27	2	—	—	16	—	—	1	13	27	3	—	1	8	16	—	—	55	1	1	—	28	—	1	2						
4. Chester-le-Street U.D. Chester-le-Street R.D.	34	—	—	—	46	6	10	—	—	54	—	1	18	1	—	—	14	—	1	—	6	17	2	—	—	1	20	—	—	50	—	2	—	36	—	1	—						
5. Boldon U.D. Hetton U.D. Houghton-le-Spring U.D. Seaham U.D. Washington U.D... Sunderland R.D.	46	—	1	—	95	3	18	—	—	66	—	—	50	1	—	3	19	7	—	—	11	27	9	1	2	1	10	—	—	105	1	—	1	55	—	2	4						
6. Crook & Willington U.D. Tow Law U.D. Weardale R.D.	20	2	3	—	21	2	5	—	—	30	—	—	20	—	—	1	12	—	2	—	2	2	8	—	—	1	2	4	1	—	—	27	—	—	12	—	1	—					
7. Durham M.B. Brandon & Byshottles U.D. Durham R.D.	37	1	2	2	83	8	18	—	2	66	4	—	36	2	4	8	21	12	2	—	2	6	29	7	1	1	1	23	1	3	2	2	—	81	1	2	—	38	—	1	3	1	
8. Barnard Castle U.D. Barnard Castle R.D.	9	—	—	—	12	—	7	—	—	15	—	—	6	—	—	2	1	—	—	—	1	1	2	—	—	—	10	—	—	—	14	—	—	5	—	—	4						
9. Bishop Auckland Shildon U.D. Spennymoor U.D.	20	—	1	—	21	6	7	2	2	20	—	—	7	—	—	1	8	—	—	1	1	8	25	4	—	3	2	13	1	5	—	—	100	29	1	3	—	10	—	—	3		
10. Hartlepool M.B. Billingham U.D. Darlington R.D. Sedgefield R.D. Stockton R.D.	29	—	1	—	50	14	16	—	14	54	—	—	16	1	—	6	9	13	3	—	17	12	52	6	—	2	3	31	1	—	2	—	—	56	—	1	2	28	—	2	—	10	
Easington R.D.	26	—	2	—	79	2	20	—	—	63	2	—	34	1	2	3	52	1	—	—	2	4	20	6	—	—	—	35	—	2	4	2	—	53	—	—	42	—	2	18			
Stockton M.B.	6	—	—	—	6	2	4	—	—	3	—	—	7	—	—	—	—	—	1	—	1	2	13	4	—	—	2	2	—	—	6	—	—	—	—	—	—	5					
Administrative County	358	3	10	2	621	60	147	6	19	544	6	1	269	12	6	27	161	48	14	2	30	72	276	50	2	15	26	190	4	10	10	4	100	615	4	12	3	321	1	3	11	59	

Extra Nourishment.—Liquid milk is no longer supplied to tuberculous patients as they can apply to the National Assistance Board for a grant to cover milk costs.

Beds and Bedding.—These articles are loaned free of charge to tuberculous patients, if the household circumstances justify assistance. Recommendations are accepted from chest physicians, health visitors, district nurses or other reliable sources.

Nursing Equipment.—A central store of appliances is maintained in the Health Department and a local store of smaller articles of equipment at Hartlepool. Stores are also maintained at Easington and Stockton. Issues are made on the recommendation of a doctor, health visitor, district nurse or almoner. District nurses are notified of all patients in their districts who have equipment on loan and they maintain a general supervision, notifying the Health Department when the equipment is no longer required.

Liaison with almoners of the hospitals receiving patients from the administrative county is maintained. Special attention is given to paraplegics and no charge is made for equipment supplied for the use of these cases.

Table 25 gives a summary of provision made during 1961.

Occupational Therapy.—No occupational therapist is directly employed but the services of the welfare worker appointed in connection with the scheme for the welfare of handicapped persons were available during the year. Use was made whenever possible of help which could be obtained from the National Assistance Board, Ministry of Pensions and voluntary agencies such as care committees and the British Red Cross.

Chiropody Service.—At the end of the year the preparation of the County Council's scheme for the provision of a chiropody service was still under consideration.

Health Education.—During the year 17 films covering a wide range of relevant subjects were displayed to audiences totalling 503 in many parts of the county. Groups to whom shows were given were mothers' clubs, student health visitors, district midwives and professional and business women's clubs.

A film strip projector has been used to display suitable propaganda material to audiences at welfare centres.

Posters have been displayed during the year calling the attention of the public to a large variety of subjects, including the following.—Diphtheria immunisation, whooping cough immunisation, Poliomyelitis Vaccination, Smallpox Vaccination, Food Hygiene, Safety in the Home, Smoking and Lung Cancer and Mass Radiography.

Convalescent Homes.—During the year arrangements were made, on medical recommendation, for the admission of 20 county patients to convalescent homes for recuperative holidays as follows.—

The Convalescent Home, Silloth	2	Rose Joicey Home, Whitburn	14
Procter Memorial Home, Shotley Bridge	4		

In 17 instances the County Council was responsible for the full maintenance charges and in the remaining three contributions were required from the patients or their families.

Eighteen other patients, after arrangements were made, cancelled their applications for various reasons.

Survey of Leukaemia in Adults.—The assistant county medical officers continued to undertake the work of interviewing cases and controls and completing the survey forms.

The Elderly Sick and Infirm.—Nursing equipment for the sickroom is available for the elderly sick and infirm and, in particular, extensive use is made, mostly during the summer months, of a large stock of indoor and outdoor invalid chairs.

The provision of essential laundering for certain elderly people who have been discharged from hospital or who, but for such provision, would require institutional care, has been continued, and the "meals on wheels" service to such people has been extended, in conjunction with some voluntary and statutory bodies.

DOMESTIC HELP SERVICE.

The Home Help Service provides assistance in homes where there are aged and infirm persons, where there is physical or mental illness and where domestic distress makes outside help advisable. Due to the increasing number of such homes the demand on the service continued to increase and a waiting list was still maintained, priority being given where the need was greatest. As a result of the growing proportion of aged persons in the population and the emigration of the family from the home, over 90 per cent. of the service was given to the elderly and chronic sick. The emphasis now being on domiciliary care and the earlier discharge of patients from hospital made more essential the rehabilitation of patients after hospital treatment. The arrangement whereby the service is used in an effort to assist families with special problems of management was continued. Nine such families were held together, four of them still having help at the end of the year.

The home helps are a body of practical social workers, without training but with experience in running a home, care of the sick and elderly and the management of children. Many of them have a strong sense of community service and a keen and sympathetic understanding of the needs of old people, shown by the extra duties they undertake and the voluntary hours of service they give.

Organisation.—Apart from Easington and Stockton the county is divided into 13 areas, each supervised by an assistant organiser who engages and places home helps as well as investigating applications in her area. Applications are received from the general public, medical and nursing personnel, and officers of statutory and voluntary bodies. Regular visitation of households is carried out by the assistant organisers to ensure the most satisfactory use of the service under changing conditions.

Six of the assistant organisers attended a Weekend Training Course arranged by the Institute of Home Help Organisers.

Talks on the service were given on six occasions.

Charges and Remuneration.—The fee for the service is 4/5d. per hour but the amount payable may be reduced in accordance with the scale of charges which takes into account the ability of the family or individual to pay.

Home helps are paid at the rate of 3/6½d. per hour, an additional payment of 2d. per hour being made for attendance on cases of infectious disease.

The following is a summary of the work accomplished.—

Number of cases provided with home help during the year.—

Maternity (including expectant mothers) ..	114
Tuberculosis	31
Chronic Sick (including aged and infirm) ..	5,366
Others	370
 Total	 5,881

In addition to the above the following cases ceased and recommenced later in the year.—

Tuberculosis	3
Chronic Sick (including aged and infirm) ..	468
Others	2
 Total	 473

Number of cases attended 1st January ..	3,988
New cases during year	2,303
Cases terminated	1,881
Cases attended on 31st December	4,410
Number of cases on waiting list on 31st December	47
Applications withdrawn or refused	795
Visits paid by Assistant Organisers	72,045
Number of domestic helps employed at end of year (part-time)	2,584

MENTAL HEALTH SERVICE.

During the first whole year since the Mental Health Act, 1959, became fully operative, rapid strides have been made in the development of the Mental Health Services especially towards our aim to provide places at Training Centres for all suitable mentally subnormal children and adults.

1. *Education.*—In an attempt to ensure that the general public and members of the staff of the Mental Health Section are well informed on the subject of mental disorder and recent advances in training and treatment, talks have been given to various organisations and their groups in the community while staff meetings have also been held periodically. Parents' Societies for Mentally Handicapped Children have been kept informed of the County's programme for developing the service and the Deputy County Medical Officer has attended their meetings to discuss future plans and their programmes associated with mentally subnormal

children. The parents of all children considered to be unsuitable for education at ordinary or special schools are visited immediately by a Social Worker who advises and supports the family during the initial and subsequent difficult periods. During the year the possibility of sponsoring a Voluntary Association for Mental Health was discussed with the Superintendent of one of the Mental Hospitals and it is hoped that this will materialise at the beginning of 1962.

2. *Staff.*—A Mental Health Executive Officer and one additional Mental Welfare Officer were appointed during the year. A fifth Mental Welfare Officer on the staff attended a five weeks residential course run by the National Association for Mental Health in conjunction with the Department of Adult Education and Extra Mural Studies, University of Leeds, while one Mental Welfare Officer attended a five day refresher course at Prudhoe and Monkton Hospital. Two of the older Mental Welfare Officers have recently attended a short refresher course sponsored by the Regional Hospital Board and held in Newcastle. Three members of the Junior Training Centre staff completed a full academic year's training course and each obtained the Diploma of the National Association for Mental Health. Within the last few years, six Supervisors and Assistant Supervisors have been successful and have obtained Diplomas. Four members of the staff who have been appointed as Trainees were selected for the full-time Diploma Course which they commenced in September, 1961, thus continuing our policy of sending Trainees, after a year's experience in a Junior Training Centre, on this full-time Diploma Course.

3. *Training Centres.*—The construction of an additional classroom at the Hebburn Junior Training Centre to provide places for a further 15 pupils was completed in June, 1961, and work on an additional classroom, assembly hall and extended playing area at the Bishop Auckland Junior Training Centre was commenced at the end of the year. Easington Junior and Adult Training Centres accepted their first pupils on 16th January, 1961, and the official opening ceremony took place on 15th March, 1961. While the administration at this Centre and also the Stockton Junior Training Centre was taken over by the Easington Rural District Council and Stockton Municipal Borough Council respectively on 1st April, 1961, suitable children from the surrounding areas of the Administrative County are also accepted for training. Work on the conversion of the Cottage Homes and the provision of an Industrial Workshop at Lanchester for use as an Adult Residential Training Centre for Mentally Sub-Normals has proceeded throughout the year and the Centre will be opened early in 1962. Work commenced on the Durham Junior and Adult (Male and Female) Training Centre on the Aykley Heads Estate in June, 1961, and it is hoped that this will be in operation by the end of 1962. Sites have been chosen for Adult Training Centres at Fencehouses, Bishop Auckland and Hebburn and for a Junior and Male and Female Adult Training Centre at Stockton. In addition a new playing field was provided at the Consett Junior Training Centre.

4. *Co-operation with Regional Hospital Board, Hospital Management Committee and Hospital Staff.*—The liaison and co-operation with mental hospitals has developed throughout the year. A very good and comprehensive service now exists in the North Western part of the County, i.e., Blaydon, Ryton, Whickham, Stanley and Consett, and other parts of the County are developing towards this ideal at different rates.

ADMINISTRATION.

(a) The Mental Health Sub-Committee of the County Health Committee is responsible for the administration of the Mental Health Service. The Deputy County Medical Officer on behalf of the County Medical Officer controls its day to day administration.

(b) Staff.—

Mental Health Executive Officer	..	..	1
Mental Welfare Officers	..	..	10
Supervisors, Training Centres	..	..	6
Assistant Supervisors, Training Centres	..	..	12
Trainee Assistant Supervisors, Training Centres	..	..	6
Teachers of the Mentally Handicapped in their own homes	..	..	1
Social Worker	..	..	1

Three assistant county medical officers who are also district medical officers of health assist with the examination of the mentally subnormal, although more and more cases are being referred to the hospital out-patient clinics for assessment. School Medical Officers carry out the routine annual medical examinations of all those attending training centres.

(c) There are no arrangements for joint use of the services of officers of the Regional Hospital Board or Hospital Management Committees, although patients on trial from mental hospitals and mentally subnormals were supervised by the hospital concerned. There has been excellent co-operation with the Hospital Consultants.

ACCOUNT OF WORK UNDERTAKEN IN THE COMMUNITY.

1. In relation to Mentally Subnormal Persons.

(a) *Ascertainment.*—Cases are notified by school medical officers, child welfare medical officers, private practitioners, hospital staffs, health visitors and social workers. As already stated, greater use was made of the hospital out-patient facilities for the diagnosis of mental subnormality, and consultants advice on prognosis and disposal of the case. Valuable assistance is being given by the Superintendent and staff of Prudhoe Hospital in assessing the suitability of entrants for admission to Lanchester Residential Adult Training Centre. A scheme put into operation in 1960 for routine testing of all infants born in the County to detect cases of phenylketonuria has been continued throughout the year.

(b) Under the provisions of the Education Act, 1944, the Local Education Authority notified during the year to the Local Health Authority the following* :—

	<i>M.</i>	<i>F.</i>	<i>Total.</i>
Under Section 57(3)—Children considered unsuitable for education within the school system	38	16	54
Children who require further supervision after leaving school	16	15	31

*Information in respect of Stockton M.B. not available from time of delegation.

(c) On the 31st December, 1961, there were 3,476 mentally subnormal persons on the register (approximately one third of whom are in hospitals) giving an ascertainment figure of 3.64 per 1,000 population in the administrative county area.

During the year 178 cases were added to the County Council register, compared with 126 added to the register last year.

(d) *Supervision.*—The supervision of mentally subnormal persons is carried out by health visitors who made 7,597 visits to 2,095 persons during the year. Of the mentally subnormal known to this Authority, 23 have given birth to children during this period, six while unmarried. 18 persons have married.

(e) *Guardianship.*—There were no cases under guardianship.

(f) *Home Teaching.*—There is one home teacher. As there is at present no training centre in Durham City district, classes for group instruction continued at Coxhoe, the remainder of the teachers' time being spent in visiting the homes of mentally handicapped in her area, giving home training to them.

(g) *Junior Training Centres for Mentally Subnormal Persons.*—The number of pupils receiving training at the Junior Training Centres on 31st December was as follows.—

Centre	No. of Pupils	Centre	No. of Pupils
Bishop Auckland	.. 32	Darlington C.B. Centre	3
Consett .. ..	.. 30	Gateshead C.B. Centre	4
Hebburn .. ..	.. 42	South Shields C.B. Centre	1
Newbottle .. ..	.. 39	Sunderland C.B. Centre	2
Stockton .. ..	.. 40		
Easington .. ..	.. 39	Total — 232	

In addition five children attended as day pupils at Prudhoe and Monkton Hospital and seven at Earl's House Hospital.

Transport to the centres, mid-morning milk and mid-day meals are provided at each centre, while routine regular dental and medical examinations are carried out on all pupils.

(h) *Hospital Admissions.*—During the year 14 patients were admitted to hospitals under Order and 28 were admitted informally under the provisions of Circular H.M. (58) 5. During the whole of the year 78 patients were admitted to hospitals for short-term care in accordance with the terms of Circular 5/52 of the Ministry of Health. Details of all admissions are given in Table 26.

2. In relation to Mentally Ill Persons.

During the year, the mental welfare officers, at the request of the medical practitioners or the police, investigated cases under the Mental Health Act, 1959, and Table 26 gives details of admissions arranged by them. (It must be noted however that these totals do not include all hospital admissions).

TABLE 26.

Hospital.	S. 25 Observation.	S. 26. Treatment.	S. 29. Emerg- ency.	In- formal.	Temp. Circ. 5/52.	S. 60. Court	Total
<i>Mentally Ill.</i>							
Cherry Knowle, Ryhope	4	2	15	19	—	—	40
Garlands, Carlisle	—	1	—	—	—	—	1
General, Newcastle	—	—	3	—	—	—	3
General, West Hartlepool	—	—	10	2	—	—	12
Lee Hill, Lanchester	2	—	2	6	—	—	10
Northgate, Darlington	—	—	—	1	—	—	1
Middleton Hall, Middleton-St.-George General, South Shields	2	—	1	—	—	—	3
St. Lukes, Middlesborough	1	1	12	6	—	—	20
St. Mary's, Stannington	—	—	1	1	—	—	2
St. Nicholas, Gosforth	5	4	52	107	—	1	169
Vinterton, Sedgefield	33	9	39	30	—	—	111
Total	49	25	163	47	—	2	286
<i>Mentally Sub-Normal.</i>							
Ycliffe	—	4	2	14	8	4	32
Rudhoe	1	2	1	14	70	—	88
Total	97	48	301	247	78	7	778

* Registered by the County Council under the Mental Health Act, 1959 as a home for mentally ill or infirm patients, 24th April, 1961.

Forty-five cases investigated under the Mental Health Act were not removed to hospital.

The Social Worker visited cases and gave advice and support to patients and relatives.

AREA HEALTH SUB-COMMITTEES.

Table 27 shows the number of meetings held by the area health sub-committees during the year in accordance with the scheme adopted by the County Council in 1948.

TABLE 27.

No. of Area.	Names of County Districts comprised in the area.	Assistant County Medical Officer.	Number of members.	Meetings held.
1	Blaydon U.D. Ryton U.D. Whickham U.D.	J. A. Dryden, M.A., B.Sc., M.B., B.Chir., D.P.H., D.I.H.	20	4
2	Jarrow Borough Felling U.D. Hebburn U.D.	T. C. Falconer, M.B., Ch.B., D.P.H.	21	4
3	Consett U.D. Stanley U.D. Lanchester R.D.	R. Hill, M.B., B.Ch., D.P.H.	21	4
4	Chester-le-Street U.D. Chester-le-Street R.D.	J. L. Siddle, M.B., B.S., D.P.H.	16	4
5	Boldon U.D. Hetton U.D. Houghton-le-Spring U.D. Seaham U.D. Washington U.D. Sunderland R.D.	R. C. F. Smith, M.D., D.P.H.	29	4
6	Crook & Willington U.D. Tow Law U.D. Weardale R.D.	G. A. Macgregor, M.D., D.P.H.	18	4
7	Durham Borough Brandon U.D. Durham R.D.	R. G. Drummond, M.B., Ch.B., D.P.H.	20	5
8	Barnard Castle U.D. Barnard Castle R.D.	A. S. M. Wilson, L.R.C.P., L.R.F.P.S., D.P.H.	15	4
9	Bishop Auckland U.D. Shildon U.D. Spennymoor U.D.	J. M. Hegarty, M.B., B.Ch., B.A.O., D.P.H.	20	4
10	Hartlepool Borough Billingham U.D. Darlington R.D. Sedgefield R.D. Stockton R.D.	M. W. Rodgers, M.B., B.Ch., B.A.O., D.P.H.	28	4

NATIONAL ASSISTANCE ACT, 1948.
WELFARE OF THE AGED AND HOMELESS.

Residential Accommodation.—At the end of the year 980 persons were being provided with accommodation, a decrease of 16 on the number in residence at the end of the previous year.

The number of cases on the waiting list at the 31st December was 398 compared with 275 in 1960.

New Hostels.—New hostels at Easington Village and East Boldon are nearing completion and further new hostels are in course of erection at Bishop Auckland, Newton Aycliffe and Stockton-on-Tees.

Temporary Accommodation.—Lambton House, Birtley, previously used by the Children Department as a nurses' home for Birtley Residential Nursery, was adapted to provide furnished emergency accommodation for homeless families, the first family being admitted on 28th November.

The following statement shows the distribution of residents at the end of the year.—

(1) Residential Accommodation.—

	<i>Home</i>	<i>Residential Accommodation Provided</i>	<i>Beds Occupied</i>	<i>Hospital Patients</i>
<i>In Homes controlled by the Welfare Sub-Committee.</i>				
	Cambridge House, Barnard Castle	85	78	49
	Heath House, Houghton-le-Spring	126	119	
	Ivy House, Sedgefield	76	73	
	Seaton Holme, Easington	35	31	
	Weardale House, Stanhope	59	59	
	Newtown House, Stanhope	30	30	
	The Hermitage, Whickham	18	18	
	Parkside, Billingham	38	37	
	Winton, Winlaton	38	36	
	Grove Park, Barnard Castle	22	22	
	Owton Fens, Greatham	21	21	
	Holmfield, Crook	30	30	
	St. Bede's, Jarrow	38	36	
	Glencliffe, Seaton Carew	39	39	
	Stanfield, Stanley	38	38	
	Palatine House, Durham	38	38	
	Glenroyd House, Consett	38	36	
	Mendip House, Chester-le-Street	38	37	
<i>In Hospitals transferred to the Regional Hospital Board on 5th July, 1948</i>	Chester-le-Street	33	29	
	Durham	48	47	
	Lanchester	59	54	
<i>In Homes controlled by.—</i>				
(a) <i>Neighbouring County Borough Councils</i>	Darlington		6	
	Gateshead		13	
	South Shields		2	
	Sunderland		1	
	West Hartlepool		4	
(b) <i>Other Local Authorities</i>			5	
<i>In Special Homes</i>			41	
	Totals	—	980	49

(2) *Temporary Accommodation.*—

In Homes controlled by the Welfare Sub-Com- mittee	Home Cottage Homes, Houghton-le- Spring. Lambton House, Birtley.	Adults	Children
		6	23
		1	4

The number of employees in the 18 hostels directly controlled by the Health Committee was as follows.—

Superintendents	..	..	4
Matrons	..	..	16
Wardens	..	..	2
Other staff	..	..	255

WELFARE OF THE BLIND AND PARTIALLY SIGHTED.

(a) *Register and Registration of Blind Persons.*—The number of blind persons on the County Council's register on the 31st December was 1,839, one less than at the end of 1960.

TABLE 28.

Blind Population according to Age and Sex.

	1 & under	2- 4	5- 10	11- 15	16- 20	21- 29	30- 39	40- 49	50- 59	60- 64	65- 69	70- 79	80 & over	Total
M. ..	2	1	12	12	15	28	50	88	107	55	80	174	195	819
F. ..	—	4	8	6	5	11	39	64	110	64	106	307	296	1,020
Total	2	5	20	18	20	39	89	152	217	119	186	481	491	1,839

During the year the names of 219 blind persons were added to the register including 16 blind persons transferred into the county from other areas. Following surgical treatment sight was restored to *8 persons previously registered as blind, 2 being re-classified as partially sighted, while 6 were certified neither blind nor partially sighted. During the period under review 337 blind persons died or left the county area.

The five part-time ophthalmologists appointed by the County Council examined *349 cases referred to them while in addition *4 forms B.D.8 were submitted by other ophthalmologists. These 353 cases are classified as follows.—

First examination.—

No. certified blind ..	..	..	..	164
No. certified partially sighted ..	..	..	..	52
No. certified not blind ..	..	..	..	47

Re-examinations.—

No. certified blind (10 already certified)	..	..	49
No. certified partially sighted ..	..	..	26
No. certified not blind ..	..	..	15

No case of retrorenal fibroplasia was reported during the year.

*Information in respect of Stockton M.B. not available from time of delegation.

(b) *Register of Partially Sighted.*—The number of partially sighted cases on the register at the 31st December was 385, the sex and age classification being.—

	0-1	2-4	5-15	16-20	21-49	50-64	65 & over	Total
M.	—	1	20	9	24	20	67	141
F.	—	1	17	6	24	24	172	244
Total	—	2	37	15	48	44	239	385

The following table gives further information regarding the recommendations and action taken in relation to blind and partially sighted persons registered during the year.—

TABLE 29. *

(1) Number of cases registered during the year in respect of which	Cause of Disability		
	Cataract	Glaucoma	Miscell-
			aneous
(a) No treatment was recommended.—			
Blind	41	13	78
Partially-Sighted	9	1	20
(b) Treatment recommended.— (Medical, surgical or optical)			
Blind	41	10	21
Partially-Sighted	19	—	10
(2) Number of cases at (1)(b) above who later received treatment.—			
Blind	4	2	11
Partially-Sighted	2	—	2

Of the 23 cases of glaucoma included in the table above and certified blind, three had not received treatment for this condition prior to the completion of Form B.D.8.

In all cases of cataract, glaucoma or any other disability where the examining ophthalmologist makes a recommendation for treatment, a letter is addressed to the patient's private doctor informing him of the findings and the recommendations of the ophthalmologist. At the same time an offer is made for the case to be referred to the ophthalmology department of the nearest hospital, subsequent progress being notified to the medical practitioner as and when it becomes known to this department. In the majority of cases the medical practitioners avail themselves of this offer, and the arrangements have been found to work satisfactorily.

(c) *Employment.*—A consultative employment panel consisting of the Manager of the Workshops for the Blind, Group Disablement Resettlement Officer of the Ministry of Labour, Placement Officer of the Royal National Institute for Blind, Supervisor of the North Regional Association

*Information in respect of Stockton M.B. not available from time of delegation.

of The Blind and the Deputy County Medical Officer met periodically throughout the year. Individual cases were considered and interviewed with a view to determining the most appropriate methods of rehabilitation, training or resettlement. Between these meetings valuable and very ready assistance was given by the Supervisor of the North Regional Association of the Blind.

The following information relates to trained blind persons in employment at the end of the year.—

	<i>Institution Workers</i>	<i>Home Workers</i>
Royal Institution for the Blind, Sunderland ..	36	2
Cleveland & South Durham Institute for the Blind, Middlesbrough	18	3
Hartlepool Workshops for the Blind, West Hartlepool	4	—
National Library for the Blind, Braille Copyists ..	—	3
Catholic Blind Institute, Liverpool	1	—

On the 31st December the number of trained but unemployed blind persons was 14.

High Myopia.—It has been the practice for many years for the school health service to notify the Health Department of all school leavers suffering from high myopia who are not registered blind or partially sighted persons. These cases are followed up by health visitors to ensure that the children continue to wear suitable spectacles and obtain replacements where necessary. Advice and assistance is given regarding suitable employment.

(d) *Home Teaching Service.*—There were 17 home teachers for the blind in the county area of whom five were registered blind persons. They visit regularly, teach Braille or Moon type and act as general purpose social workers for all blind persons on the register. Each of the home teachers in the northern area and five in the southern area hold classes for teaching handicrafts.

(e) *Social Centres.*—Seven centres are established and operating in the county. Great interest was shown in the various activities by the blind persons, helpers and friends. The home teachers provide help and guidance at these centres when necessary.

(f) *Placement Service.*—By arrangement with the Royal National Institute for the Blind use was made of their placement officer in finding and placing suitable persons in open industry.

(g) *Holidays.*—The Health Committee provided a week's holiday at Blackpool for 18 deaf blind persons, together with attendants. Detailed arrangements for the holiday were made by the North Regional Association for the Blind.

(h) *Homes for the Blind.*—At the end of the year there were 39 blind persons in homes for the blind, 34 being residents in Palatine House, Durham, (the County Council's hostel for the blind) and 5 living in homes outside the county.

WELFARE OF THE PHYSICALLY HANDICAPPED.

At the end of the year there were 520 males and 431 females on the register. This is an increase of 59 within the last year.

The full implementation of the County Council's scheme under Section 29 of the National Assistance Act approved by the Ministry on the 27th September, 1952, is still being hampered by the shortage of staff, the whole of the county being served by one social worker and one occupational therapist. The number of social clubs for the physically handicapped, sponsored by the Durham County Association for the Welfare of the Physically Handicapped was increased during the year by two, making a total of thirteen. These clubs are invaluable as meeting places for the physically handicapped where they can take part in social as well as handicraft activities and where they can be met by the county social worker. Adaptations to houses to secure the greater comfort or convenience of the physically handicapped have been carried out on an increasing scale and where council houses are involved the work is done by the Local Housing Authority, the County Council making a fifty per cent contribution towards the cost.

With the agreement of the Education Committee the Health Committee were able to sponsor another Holiday Scheme for physically handicapped persons which on this occasion was held at Walworth Castle (Special Residential School) during the period 31st July to 26th August. 67 handicapped persons had a holiday at Walworth Castle during the four week period. The majority of these handicapped persons were conveyed to Walworth Castle by ambulance, the remainder finding their own way in motor propelled tricycles or in privately owned cars. The British Red Cross Society carried out the day to day administration, provided the food and staff, and the venture was a great success. For many of the patients it was their first holiday, and the British Red Cross staff are to be congratulated on their magnificent effort. Having proved once again that this type of project can be successfully carried out in the county, the Committee agreed that if at all possible, similar arrangements be made in subsequent years.

The occupational therapist visits handicapped persons in their own homes, trains and assists them in various crafts. A further grant was made to the Durham County Association for the Physically Handicapped to help them further their work.

2 adults continued to attend the "day-work centre" at the Percy Hedley School for Spastics.

26 physically handicapped persons are in homes outside the county.

Spastics	..	..	..	3
Epileptics	..	..	..	21
Poliomyelitis	..	..	..	1
Disseminated sclerosis	..	..	—
Polyneuritis	..	..	..	1
				—
Total			26	
			—	

WELFARE OF THE DEAF.

The County Council scheme under Section 29 of the National Assistance Act approved by the Ministry on the 27th September, 1952, operates throughout the County. Most of the work is carried out on an agency agreement by the Northumberland and Durham Mission to the Deaf and Dumb for the northern part of the county and the South Durham and North Yorkshire Association for the Deaf for the southern part of the county. Welfare Officers visit and look after the general welfare of registered persons. 7 hard of hearing clubs operate throughout the county to which the County Council make a grant for administration, maintenance charges and equipment. At the end of the year the number of deaf persons on the register was 830 classified as follows.—

		<i>M.</i>	<i>F.</i>	<i>Total.</i>
Under 16 years	..	72	73	145
16-64 years	..	312	230	542
65 years and over	..	71	72	143
Total	..	455	375	830

At the end of December, 93 school children (42 boys and 51 girls) were attending residential special schools for the deaf, outside the county area.

TUBERCULOSIS. INCIDENCE AND MORTALITY.

The number of primary notifications of respiratory tuberculosis received during the year was 418 and of non-respiratory tuberculosis 74, compared with 449 and 61 respectively in 1960. (See tables 30-35). The total notifications for the year (492) show a reduction of 18, compared with 1960 and give an incidence rate for all forms of tuberculosis of 0.52 per 1,000 population, the rate for 1960 being 0.54.

Table 37 gives the number of deaths from respiratory tuberculosis under relevant age periods and in separate county districts and areas. Similar information in respect of deaths from non-respiratory tuberculosis is given in the following statement.—

<i>Area</i>	<i>No.</i>	<i>District.</i>	<i>Age Period.</i>	<i>Sex.</i>	<i>Number of deaths.</i>
	3	Consett U.D.	45—54	M.	1
	10	Sedgefield R.D.	75—	F.	1
	—	Easington R.D.	45—54	M.	1

The number of deaths from respiratory tuberculosis (74) has decreased by 16, and is the lowest on record. Deaths from non-respiratory tuberculosis (3) showed a decrease of 4 compared with 1960, and are also the lowest recorded.

Table 30 gives details of the incidence of tuberculosis since 1931, and records the lowest number of new cases of respiratory tuberculosis and the lowest attack rate as occurring in 1961.

TABLE 30.

ADMINISTRATIVE COUNTY OF DURHAM. TUBERCULOSIS—New Cases and Deaths, 1931-1961.

Year	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
1931	493	446	372	356	343	327	116	89
1932	506	477	450	406	353	326	126	85
1933	447	419	343	328	368	303	72	72
1934	456	396	321	297	342	312	75	67
1935	376	376	306	248	315	295	79	63
1936	384	380	298	275	298	256	72	63
1937	406	334	272	258	268	255	65	68
1938	339	317	302	293	270	200	57	67
1939	410	295	266	254	292	217	67	54
1940	380	291	226	248	290	236	45	37
1941	388	382	241	240	299	243	55	51
1942	367	390	248	244	245	190	68	55
1943	438	398	240	290	296	218	64	26
1944	445	469	235	246	233	190	51	49
1945	527	386	249	265	255	203	48	56
1946	604	447	202	183	231	199	64	47
1947	534	474	166	172	253	263	58	38
1948	595	532	146	149	200	236	58	34
1949	552	515	127	146	240	188	39	35
1950	682	607	113	130	220	136	34	22
1951	654	525	102	110	195	126	26	22
1952	562	476	70	97	138	84	13	13
1953	502	415	66	78	129	92	14	10
1954	449	361	68	65	120	56	11	4
1955	376	331	54	61	108	54	9	13
1956	367	317	54	52	77	28	5	6
1957	368	264	42	65	96	29	7	4
1958	371	224	39	52	74	27	12	3
1959	289	191	32	45	74	20	7	1
1960	300	174	28	37	63	27	3	4
1961	257	161	37	37	57	17	2	1

Year	New Cases	RESPIRATORY		NON-RESPIRATORY		TOTAL			
		Number of Deaths	*Death Rate	New Cases	*Attack Rate	Number of Deaths	*Death Rate	New Cases	*Attack Rate
1931	939	670	0.72	1.01	0.22	728	0.78	1,667	0.94
1932	983	679	0.73	1.06	0.23	856	0.93	1,839	0.96
1933	866	671	0.73	0.94	0.16	671	1.44	1,537	0.89
1934	852	654	0.71	0.93	0.16	618	1.42	1,470	0.87
1935	752	610	0.67	0.83	0.16	554	1.42	1,306	0.83
1936	764	554	0.62	0.85	0.15	573	1.35	1,337	0.77
1937	740	523	0.59	0.84	0.15	530	1.33	1,270	0.74
1938	656	470	0.53	0.74	0.14	595	1.24	1,251	0.67
1939	705	509	0.58	0.80	0.14	520	1.21	1,225	0.72
1940	671	526	0.61	0.79	0.10	474	0.82	1,249	0.72
1941	770	542	0.65	0.92	0.13	481	1.06	1,145	0.72
1942	757	435	0.53	0.92	0.15	492	1.23	1,145	0.77
1943	836	514	0.63	1.03	0.11	530	0.90	1,251	0.77
1944	914	423	0.51	1.11	0.12	481	1.00	1,251	0.67
1945	913	458	0.55	1.10	0.13	514	1.04	1,249	0.67
1946	1,051	430	0.50	1.22	0.11	385	1.11	1,249	0.67
1947	1,008	516	0.59	1.16	0.13	338	0.96	1,249	0.67
1948	1,127	436	0.49	1.27	0.12	295	0.92	1,249	0.67
1949	1,067	428	0.47	1.18	0.08	273	0.74	1,249	0.67
1950	1,289	356	0.39	1.42	0.06	243	0.56	1,249	0.67
1951	1,179	321	0.36	1.31	0.05	212	0.48	1,249	0.67
1952	1,038	222	0.25	1.15	0.03	167	0.26	1,249	0.67
1953	917	221	0.24	1.01	0.03	144	0.24	1,249	0.67
1954	810	176	0.19	0.89	0.02	133	0.15	1,249	0.67
1955	707	162	0.18	0.77	0.02	115	0.22	1,249	0.67
1956	684	105	0.11	0.74	0.01	106	0.11	1,249	0.67
1957	632	125	0.13	0.68	0.01	107	0.11	1,249	0.67
1958	595	101	0.11	0.64	0.02	91	0.15	1,249	0.67
1959	480	94	0.10	0.51	0.01	77	0.08	1,249	0.67
1960	474	90	0.09	0.50	0.01	65	0.07	1,249	0.67
1961	418	74	0.08	0.44	0.003	74	0.08	1,249	0.67
									0.52

* Rates per 1,000 population.

TABLE 32.

ADMINISTRATIVE COUNTY OF DURHAM. 1961.—Notifications of tuberculosis in each urban and rural district of the administrative county during the period 1st January, 1961 to 31st December, 1961.

District.	Primary Notifications of new cases of Tuberculosis.			
	Respiratory.		Non-respiratory.	
	Males.	Females	Males.	Females
<i>Area No. 1.</i>				
Blaydon U.D. . . .	9	11	2	2
Ryton U.D. . . .	3	4	—	1
Whickham U.D. . . .	9	—	2	2
<i>Area No. 2.</i>				
Jarrow M.B. . . .	19	10	2	2
Felling U.D. . . .	16	6	—	2
Hebburn U.D. . . .	18	12	1	—
<i>Area No. 3.</i>				
Consett U.D. . . .	14	6	1	2
Stanley U.D. . . .	18	8	1	3
Lanchester R.D. . . .	3	1	—	—
<i>Area No. 4.</i>				
Chester-le-Street U.D. . . .	5	6	1	—
Chester-le-Street R.D. . . .	7	6	1	1
<i>Area No. 5.</i>				
Boldon U.D. . . .	6	3	—	—
Hetton U.D. . . .	3	1	—	—
Houghton-le-Spring U.D. . . .	2	2	3	1
Seaham U.D. . . .	6	2	—	3
Washington U.D. . . .	1	5	1	1
Sunderland R.D. . . .	11	5	—	—
<i>Area No. 6.</i>				
Crook & Willington U.D. . . .	2	2	5	—
Tow Law U.D. . . .	—	—	—	—
Weardale R.D. . . .	5	—	—	—
<i>Area No. 7.</i>				
Durham M.B. . . .	3	8	—	—
Brandon & Byshottles U.D. . . .	2	4	—	—
Durham R.D. . . .	6	9	—	2
<i>Area No. 8.</i>				
Barnard Castle U.D. . . .	1	—	—	—
Barnard Castle R.D. . . .	3	3	—	1
<i>Area No. 9</i>				
Bishop Auckland U.D. . . .	12	7	4	3
Shildon U.D. . . .	3	2	—	—
Spennymoor U.D. . . .	4	—	1	—
<i>Area No. 10.</i>				
Hartlepool M.B. . . .	5	3	1	—
Billingham U.D. . . .	5	1	1	1
Darlington R.D. . . .	4	2	1	—
Sedgefield R.D. . . .	5	6	1	2
Stockton R.D. . . .	—	—	—	—
Easington R.D. . . .	25	19	1	3
Stockton M.B. . . .	22	7	7	5
ADMINISTRATIVE COUNTY . . .	257	161	37	37

TABLE 33.
ADMINISTRATIVE COUNTY OF DURHAM, 1961—Tuberculosis Notifications.

AGE PERIODS	Number of Primary Notifications of new cases of tuberculosis									Total (all ages)				
	0—	1—	2—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	
Respiratory, Males	2	—	1	10	1	18	22	21	39	56	50	30	7	257
Respiratory, Females	1	1	5	7	10	20	28	32	24	14	8	7	4	161
Non-Respiratory, Males	—	—	—	4	5	6	1	4	4	6	4	2	1	37
Non-Respiratory, Females	1	—	1	1	2	2	4	9	9	5	1	2	—	37

ADMINISTRATIVE COUNTY OF DURHAM, 1961—New cases of tuberculosis coming to the knowledge of the County Medical Officer of Health otherwise than by Formal Notification.

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SOURCES OF INFORMATION		Number of cases in age Groups										TOTAL (A)	
		0—1	1—2	5—	10—	15—	20—	25—	35—	45—	55—	65—	
Death Returns from Local Registrars	Respiratory	M	—	—	—	—	—	—	—	4	2	1	7 (A)
		F	—	—	—	—	—	—	—	1	—	—	1 (B)
Death Returns from Registrars General (Trans- ferable deaths)	Respiratory	M	—	—	—	—	—	—	—	—	—	—	— (C)
		F	—	—	—	—	—	—	—	—	—	—	1 (D)
Posthumous Noti- fications	Respiratory	M	—	—	—	—	—	—	—	1	1	2	5 (A)
		F	—	—	—	—	—	—	—	1	1	—	2 (B)
Non-Respiratory	Respiratory	M	—	—	—	—	—	—	—	—	—	—	— (C)
		F	—	—	—	—	—	—	—	—	—	—	— (D)
Non-Respiratory	Respiratory	M	—	—	—	—	—	—	—	—	2	2	4 (B)
		F	—	—	—	—	—	—	—	—	—	—	— (C)
Non-Respiratory	Respiratory	M	—	—	—	—	—	—	—	—	—	—	— (D)
		F	—	—	—	—	—	—	—	—	—	—	— (D)
Non-Respiratory	Respiratory	M	—	—	—	—	—	—	—	—	—	—	— (D)
		F	—	—	—	—	—	—	—	—	—	—	— (D)

TABLE 35.

ADMINISTRATIVE COUNTY OF DURHAM.—Primary Notifications of Tuberculosis, 1951-1961.

Year			Respiratory.	Non- Respiratory.	Totals.
1951	..	..	1,053	182	1,235
1952	..	..	917	158	1,075
1953	..	..	875	128	1,003
1954	..	..	788	123	911
1955	..	..	673	105	778
1956	..	..	669	102	771
1957	..	..	605	103	708
1958	..	..	563	81	644
1959	..	..	461	73	534
1960	..	..	449	61	510
1961	..	..	418	74	492

TABLE 36.

ADMINISTRATIVE COUNTY OF DURHAM, 1961.—Tuberculosis. New Cases and Mortality.

Age Period.	New Cases.				Deaths.			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0 ..	2	1	—	1	—	—	—	—
1 ..	—	1	—	—	—	—	—	—
2 ..	1	5	—	1	—	—	—	—
5 ..	10	7	4	1	—	—	—	—
10 ..	1	10	5	2	—	—	—	—
15 ..	18	20	6	2	—	—	—	—
20 ..	22	28	1	4	—	—	—	—
25 ..	21	32	4	9	1	2	—	—
35 ..	39	24	4	9	6	3	—	—
45 ..	56	14	6	5	10	2	2	—
55 ..	50	8	4	1	17	6	—	—
65 ..	30	7	2	2	16	1	—	—
75 and upwards ..	7	4	1	—	7	3	—	1
Totals ..	257	161	37	37	57	17	2	1

TABLE 37

ADMINISTRATIVE COUNTY OF DURHAM, 1961. Deaths from Respiratory Tuberculosis.

District.	25-34		35-44		45-54		55-64		65-74		75 and upwards		Total.		
	M.	F.	M.	F.	M.	F.									
No. 1.															
Wyclaydon U.D. . .	..	—	—	—	—	—	1	1	2	—	—	—	—	3	1
Wyton U.D. . .	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wickham U.D. . .	..	—	—	—	—	—	—	—	—	—	1	—	—	—	1
No. 2.															
Warrow M.B. . .	..	—	—	—	—	—	—	—	—	—	1	—	—	1	1
Welling U.D. . .	..	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Webburn U.D. . .	..	—	—	—	—	—	1	—	1	—	—	—	—	2	—
No. 3.															
Wenaston U.D. . .	..	—	—	—	—	—	—	—	—	—	1	—	—	1	—
Wanley U.D. . .	..	—	—	—	—	—	1	—	1	—	—	—	—	2	—
Wanschaster R.D. . .	..	—	—	—	—	—	—	—	1	—	—	—	—	—	1
No. 4.															
Wester-le-Street U.D. . .	..	—	—	—	—	—	—	—	2	—	1	—	2	—	5
Wester-le-Street R.D. . .	..	—	—	—	—	—	—	—	2	—	—	—	1	—	3
No. 5.															
Woldon U.D. . .	..	1	—	—	—	—	—	—	—	—	1	—	—	2	—
Wotton U.D. . .	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Woughton-le-Spring U.D. . .	..	—	—	—	—	—	—	—	—	1	—	—	—	—	1
Wreaham U.D. . .	..	—	—	—	—	—	1	—	—	—	—	—	—	—	1
Washington U.D. . .	..	—	—	—	—	—	1	—	1	—	2	—	1	—	5
Wendarland R.D. . .	..	—	—	—	—	—	—	—	1	—	1	—	—	2	—
No. 6.															
Wook & Willington U.D. . .	..	—	—	—	—	—	1	—	—	—	—	—	—	—	1
W Law U.D. . .	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wardale R.D. . .	..	—	—	—	—	—	—	—	1	—	1	—	—	2	—
No. 7.															
Worham M.B. . .	..	—	—	—	—	—	—	—	—	1	—	—	—	1	—
Wondon & Byshottles U.D. . .	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worham R.D. . .	..	—	—	—	—	—	2	—	—	1	—	2	—	5	—
No. 8.															
Wynard Castle U.D. . .	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wynard Castle R.D. . .	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
No. 9.															
Wopshop Auckland U.D. . .	..	—	—	—	—	—	1	—	—	1	2	—	—	2	2
Widdon U.D. . .	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wynnymoor U.D. . .	..	—	—	—	—	—	1	—	1	—	—	—	1	—	2
No. 10.															
Wittlepool M.B. . .	..	—	—	—	—	—	—	—	1	—	—	—	1	—	2
Wingham U.D. . .	..	—	—	—	—	—	—	—	—	—	1	2	—	2	1
Wiglington R.D. . .	..	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Wigefield R.D. . .	..	—	—	—	—	—	—	—	1	—	—	—	1	—	3
Wickton R.D. . .	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wington R.D. . .	..	—	—	1	2	—	—	—	2	1	1	—	—	5	2
Winton M.B. . .	..	—	—	1	—	3	—	—	1	—	1	—	1	1	7
ADMINISTRATIVE COUNTY . .	1	2	6	3	10	2	17	6	16	1	7	3	—	57	17

TABLE 38.

ADMINISTRATIVE COUNTY OF DURHAM.—Respiratory Tuberculosis Death-rates, 1957-61.

Rate per 1,000 Living.		1957	1958	1959	1960	1961
Municipal Boroughs	.. ..	.. 0.14	0.14	0.08	0.11	0.09
Urban Districts	.. ..	.. 0.13	0.10	0.09	0.09	0.07
Rural Districts	.. ..	.. 0.15	0.10	0.13	0.10	0.08
Administrative County	.. ..	.. 0.13	0.11	0.10	0.09	0.08*
England and Wales	.. ..	.. 0.09	0.09	0.08	0.07	0.07†

*This death-rate of 0.08 per 1,000 population is the lowest on record for this administrative county.

†Provisional.

TABLE 39.

ADMINISTRATIVE COUNTY OF DURHAM.—Non-Respiratory Tuberculosis Death-rates, 1957-61.

Rate per 1,000 Living.		1957	1958	1959	1960	1961
Municipal Boroughs	.. ..	.. 0.02	0.02	—	0.01	—
Urban Districts	.. ..	.. 0.01	0.02	0.01	0.01	0.002
Rural Districts	.. ..	.. 0.01	0.01	0.01	0.01	0.007
Administrative County	.. ..	.. 0.01	0.02	0.01	0.01	0.003*
England and Wales	.. ..	.. 0.01	0.01	0.01	0.01	0.007†

*This death-rate of 0.003 is the lowest on record for this administrative county.

†Provisional.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Tables 40 to 44 give particulars of cases of infectious diseases occurring during the year, and the mortality from the principal infective diseases.

Scarlet Fever.—There were 274 cases and no deaths. The corresponding figures for 1960 were 400 cases and no deaths.

Whooping Cough.—The number of cases (669) decreased by 853 when compared with the previous year. There was one death in 1961 compared with none in 1960.

Diphtheria.—For the third year in succession there was no confirmed case.

Measles.—The number of cases, 18,260, showed an increase of 14,666. No death was registered. The case rate was 19 per 1,000 population.

Pneumonia.—Notified cases decreased from 385 in 1960 to 377 in 1961. There were 651 deaths recorded.

Meningococcal Infection.—During the year there were 9 cases and 3 deaths. In 1960 the figures were 15 cases and five deaths.

Acute Poliomyelitis.—An increase in the number of cases from 3 to 14 was recorded. 2 deaths were registered compared to none in 1960.

Acute Encephalitis.—4 cases were notified and no death was recorded.

Dysentery.—A total of 282 cases occurred, a decrease of 301 cases compared with the previous year.

Enteric or Typhoid Fever.—There were 2 cases and no death, compared with 3 cases and no death in the previous year.

Paratyphoid Fever.—In 1960 there were 2 cases compared with 1 this year. No death was recorded in either year.

Food Poisoning.—There was no outbreak of major importance during the year, 54 confirmed cases being recorded, compared with 36 in the previous year.

Influenza.—The number of deaths registered was 48, equal to a death-rate of 0.05 per 1,000 population, compared with 39 deaths and a death-rate of 0.04 in 1960.

Diarrhoea and Enteritis (under 2 years of age).—Deaths registered (6) and the death-rate (0.006 per 1,000 population) were less than last year when 9 deaths occurred giving a death-rate of 0.009. The rate per 1,000 live births was 0.34 compared with 0.51 in 1960.

Reimbursement of Notification Fees.—In accordance with the National Health Service Act, 1946, the County Council reimbursed £2,517 3s. 0d. to district councils for notifications of infectious diseases fees paid to medical practitioners. In 1960 the sum reimbursed was £836 1s. 6d.

VENEREAL DISEASES.

The venereal diseases treatment centres are administered by hospital management committees and the figures in Table 45 have been compiled from returns submitted by hospitals where such clinics are held, and are in respect of patients from the administrative county who attended during the year.

As no suitable applicant was available for the post of social worker, arrangements were made for this work to be undertaken by three health visitors as a normal part of their duties.

TABLE 40.

ADMINISTRATIVE COUNTY OF DURHAM, 1961.
Numbers of all cases of infectious and other notifiable diseases originally notified, and of the final numbers according to sex and age after corrections subsequently made either by notifying medical practitioners or medical superintendents of hospitals.

Numbers originally notified Total (All Ages)	Scarlet fever		Whooping cough		Acute poliomyelitis			Measles (excluding rubella)			Diphtheria			Dysentery			Meningo-coccal infection		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
					Paralytic		Non-paralytic		Measles (excluding rubella)		Diphtheria		Dysentery		Meningo-coccal infection				
Final numbers after correction Under 1 year	—	—	43	33	—	—	—	—	364	436	—	—	7	2	2	4			
1— 2— years	3	7	36	28	—	—	—	—	1,044	995	—	—	10	19	—	—			
3— 4— „	11	8	34	52	—	1	—	—	1,284	1,344	—	—	13	7	—	—			
5—9 „	16	26	47	42	3	1	—	—	1,480	1,341	—	—	8	4	—	1			
10—14 „	19	17	40	42	3	—	1	—	1,421	1,318	—	—	8	3	1	—			
15—24 „	63	58	123	133	1	—	—	—	3,668	3,307	—	—	38	20	—	—			
25 and over	15	30	5	5	—	—	—	1	88	109	—	—	38	6	—	—			
Age unknown	1	—	1	2	—	1	—	—	15	18	—	—	30	10	—	—			
Total (All Ages) . . .	128	146	330	339	9	3	1	1	9,384	8,876	—	—	185	97	3	6			
Acute pneumonia	Acute Smallpox		Acute encephalitis		Enteric or Typhoid fever			Paratyphoid fevers			Erysipelas			Food poisoning					
Final numbers correction Under 5 years	32	21	—	—	1	—	—	1	1	1	—	1	—	—	—	9	5		
5—14 years	19	18	—	—	—	—	—	—	1	—	—	—	—	—	—	10	5		
15—44 „	44	36	—	—	—	2	—	—	—	—	—	—	1	7	8	7			
45—64 „	73	32	—	—	—	—	—	—	—	—	—	—	7	8	5	3			
65 and over	49	44	—	—	—	—	—	—	—	—	—	—	5	2	2	—			
Age unknown	3	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Total (All Ages) . . .	220	157	—	—	3	—	1	1	1	1	—	1	13	17	34	20			
Tuberculosis	Meninges & C.N.S.*		Other		Respiratory			Original			Final			Other notifiable diseases					
Final numbers after correction Under 5 years	3	6	—	—	3	—	3	M	F	M	M	F	M	M	F				
5—14 years	12	16	1	1	7	1	1	—	—	—	—	—	—	—	—	101	—	Puerperal pyrexia	
15—24 „	37	45	1	1	7	6	1	—	—	—	—	—	—	—	—	1	—	Ophthalmia neonatorum	
25—44 „	62	53	—	—	9	15	—	—	—	—	—	—	—	—	—	1	—	Malaria	
45—64 „	102	22	—	—	8	6	—	—	—	—	—	—	—	—	—	1	1	Central nervous system.	
65 and over	38	10	—	—	2	1	—	—	—	—	—	—	—	—	—	—	—		
Age unknown	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Total (All Ages) . . .	254	152	2	2	36	32	33												

*Central nervous system.

TABLE 41
ADMINISTRATIVE COUNTY OF DURHAM, 1961.—Corrected Number of
Infectious Diseases notified in each sanitary district.

DISTRICTS.	Est. Population 1961	Scarlet Fever		Whooping Cough		Measles		Acute Poliomyelitis				Tuberculosis				Diphtheria	Small-pox	Tuber- cculosis Other Forms	Menin- gococ- cal Infec- tion	Acute Encephalitis				Dysent- ery	Oph- thalmia Neo- natorum	Puer- peral Pyrexia	Pneu- monia	Para- Typhoid Fever	Enteric or Typhoid fever	Food Poisoning	Erysip- elitis	Malaria	Totals	
								Paralytic		Non- Paralytic		Respiratory		Meninges & C.N.S.*					Infec- tive		Post- Infectious													
		M	F	M	F	M	F	M	F	M	F	M	F	M	F				M	F	M	F	M	F	M	F	M	F						
AREA No. 1.																																		
Blaydon U.D.	30,790	2	4	5	3	267	272	—	—	9	10	—	—	—	—	2	1	—	—	16	22	—	—	—	—	—	—	—	—	—			
Ryton U.D.	13,810	—	2	—	4	172	131	1	—	3	4	—	—	—	—	1	2	—	1	—	—	—	—	—	—	—	—	—	—	303			
Whickham U.D.	24,950	6	6	4	6	307	322	—	—	9	—	—	—	—	—	1	1	2	—	1	4	—	—	—	—	—	—	—	—	314			
																															177			
																															142			
																															337			
																															352			
AREA No. 2.																																		
Jarrow M.B.	28,690	1	2	28	38	406	375	2	—	18	10	—	—	—	—	2	2	—	1	—	—	—	—	—	—	—	—	—	—	488			
Felling U.D.	36,130	—	1	1	—	703	644	—	—	17	5	—	—	—	—	—	2	2	—	—	1	30	27	—	—	—	—	—	—	459			
Hebburn U.D.	24,980	1	3	11	21	432	444	—	—	18	12	—	—	—	—	—	2	—	—	—	—	20	2	1	—	—	—	—	—	725			
																															486			
AREA No. 3.																																		
Consett U.D.	38,720	3	1	9	3	417	425	—	—	14	6	—	—	—	—	1	2	—	—	—	—	—	—	—	—	—	—	—	—	457			
Stanley U.D.	46,500	5	8	26	36	338	324	—	—	18	8	—	—	—	—	1	3	—	—	7	8	—	—	—	—	—	—	—	—	463			
Lanchester R.D.	14,600	3	4	2	—	144	147	1	—	3	1	—	—	—	—	—	—	—	—	1	4	20	14	—	—	—	—	—	418				
																															403			
AREA No. 4.																															156			
Chester-le-Street U.D.	18,930	1	—	—	—	141	141	—	—	5	6	—	—	—	—	1	1	1	—	—	2	1	—	—	—	—	—	—	—	153			
Chester-le-Street R.D.	41,240	3	2	18	13	347	332	—	—	6	4	—	—	—	—	1	1	1	—	—	1	18	14	—	—	—	—	—	—	397			
																															369			
AREA No. 5.																																		
Boldon U.D.	22,540	—	—	11	13	185	167	—	—	6	3	—	—	—	—	—	1	1	—	—	—	1	7	5	—	—	—	—	—	205			
Hetton U.D.	17,520	1	8	6	4	237	237	—	—	—	1	—	—	—	3	1	—	—	—	—	2	2	—	—	—	—	—	—	—	188			
Houghton-le-Spring U.D.	30,670	—	3	—	1	351	307	—	—	2	2	—	—	—	—	2	1	—	—	—	—	1	1	—	—	—	—	—	—	254			
Seaham U.D.	25,660	13	11	2	2	315	256	—	—	6	2	—	—	—	—	1	1	—	—	—	—	9	5	—	—	—	—	—	—	314			
Washington U.D.	18,880	2	3	1	—	319	289	—	—	1	2	5	—	—	—	1	1	—	—	—	—	9	4	1	—	—	—	—	—	356			
Sunderland R.D.	28,090	8	5	8	21	272	302	—	—	11	5	—	—	—	—	—	1	—	—	—	—	1	4	3	—	—	—	—	—	325			
																															303			
																															338			
AREA No. 6.																																		
Crook & W'gton U.D.	25,290	—	5	2	1	293	217	1	2	3	2	—	—	—	—	5	—	—	—	—	1	1	—	—	—	—	—	—	—	308			
Tow Law U.D.	2,930	1	2	—	2	33	44	—	—	5	—	—</																					

TABLE 42.

ADMINISTRATIVE COUNTY OF DURHAM, 1961.—Notifiable Diseases.
Corrected number of Cases and Deaths.

Diseases.	Cases.	Deaths.
Scarlet Fever	274	—
Whooping Cough	669	1
Diphtheria	—	—
Measles	18,260	—
Pneumonia	377	651
Meningococcal Infection	9	3
Acute Poliomyelitis.—		
Paralytic	12	2
Non-Paralytic	2	—
Acute Encephalitis.—		
Infective	3	—
Post-Infectious	1	—
Ophthalmia Neonatorum..	1	—
Puerperal Pyrexia	101	—
Smallpox	—	—
Para-Typhoid Fever	1	—
Enteric or Typhoid Fever..	2	—
Erysipelas	30	—
Malaria	2	—

TABLE 43.
ADMINISTRATIVE COUNTY OF DURHAM—Corrected number of cases of certain Infectious Diseases notified, 1952-1961.

TABLE 44.

ADMINISTRATIVE COUNTY OF DURHAM.—Deaths and Death-rate from the seven principal Infective Diseases, 1952-1961.

	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	Mean of 10 years
Estimated Population ..	899,800	906,500	910,690	914,600	921,600	928,800	935,800	943,700	950,870	955,050	916,741
Smallpox ..	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ..	2	—	—	—	—	1	—	—	—	—	—
Diphtheria ..	1	—	—	—	—	—	—	—	—	—	—
Enteric Fever ..	1	—	—	—	—	—	1	—	—	—	—
Measles ..	11	8	2	6	1	2	—	2	—	—	3
Whooping Cough ..	8	5	6	2	1	1	—	1	—	1	3
Diarrhoea and Enteritis under 2 years ..	24	27	27	17	9	11	10	11	9	6	15
TOTAL DEATHS ..	47	40	35	25	12	15	10	14	9	7	21
Deaths per 1,000 Population ..	0.05	0.04	0.04	0.03	0.01	0.02	0.01	0.01	0.009	0.007	0.02

A summary of the work done by the health visitors is as follows.—

Contacts		Defaulters		Others		Total	
Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits
2	6	58	69	45	58	105	133

The arrangements whereby contact tracing work in the South Shields County Borough was undertaken by County Council staff has now been terminated.

ADMINISTRATIVE COUNTY OF DURHAM, 1961.—Numbers of Venereal Diseases patients treated for the first time.

Treatment Centres.								
Durham County Hosp.	Stockton and Thor'by Hosp.	New-castle General Hosp.	South Shields Clinic	Royal Infir. Sunder-land	General Hospital West Hartle-pool	Memorial Hospital Dar-lington	Hospital Middles-brough	Total
Syphilis .. .	.. .	11	2	26	1	13	—	56
Gonorrhoea .. .	.. .	1	5	57	17	23	3	134
Other Conditions .. .	52	11	292	45	144	6	37	624
Totals .. .	.. .	64	18	375	63	180	9	814

CANCER.

Table 46 gives comparative statistics in respect of cancer mortality for this administrative county and England and Wales for the past ten years. Table 48 gives the number of cancer deaths in each sanitary district during 1961 tabulated to show the organs affected together with the sex and age periods.

TABLE 46.

YEAR	DURHAM COUNTY		ENGLAND AND WALES.	
	Deaths	Death-rate	Deaths	Death-rate
1952	1,693	1.88	87,642	1.99
1953	1,737	1.92	87,924	1.99
1954	1,874	2.06	90,095	2.03
1955	1,811	1.98	91,340	2.06
1956	1,852	2.01	92,710	2.08
1957	1,786	1.92	94,017	2.09
1958	1,807	1.93	95,804	2.12
1959	1,921	2.04	97,116	2.14
1960	1,895	1.99	98,749	2.16
1961	1,895	1.98	*99,914	2.16

*Provisional.

Cancer of the lung, especially in males, has increased in recent years. This is reflected in the mortality as seen in the following figures.

TABLE 47.

ADMINISTRATIVE COUNTY OF DURHAM.—Mortality from Cancer of the Respiratory System, 1952-1961.

Year	Deaths			Total Death-Rate per 1,000 population
	Males	Females	Total	
1952	197	42	239	0.27
1953	237	31	268	0.30
1954	228	48	276	0.30
1955	269	41	310	0.34
1956	265	38	303	0.33
1957	290	45	335	0.36
1958	310	59	369	0.39
1959	345	56	401	0.42
1960	320	47	367	0.39
1961	355	47	402	0.42

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ADMINISTRATIVE COUNTY OF DURHAM, 1961.—Deaths from cancer showing the organs affected, sex and age periods.



MILK.

Milk (Special Designation) Regulations, 1960.—At the end of the year there were five plants processing milk in the county, all of which were authorised to use the special designations 'Pasteurised' and 'Tuberculin Tested (Pasteurised),' while one dairy holds an additional licence for the sterilising of milk.

Routine samples continue to be taken of milk delivered to schools, children's homes and nurseries, and as requested by the Ministry of Health, milk produced at hospital farms has been sampled in accordance with their scheduled requirements.

At the request of the Durham Hospital Management Committee routine samples are taken of milk delivered to hospitals.

The regulations relating to dealers' licences came into operation on the 1st January, 1961. Lists of names of dealers were obtained from the district councils which indicated approximately 1,735 current dealers' licences in the county but it was impracticable to ascertain by 1st January, by inspections, that the conditions attached to the respective licences which had to be granted were satisfied. Consequently licences were granted solely on the information available from the local authorities' lists. The position at the end of the year was as follows.—

No. of licences issued on 1.1.61.—	(i) 'B' licences	18
	(ii) 'E' licences	1,340
	Total	1,358

No. issued up to and including 31.12.61.—	(i) 'B' licences	1
	(ii) 'E' licences	282
	Total	283

No. cancelled during year.— 20.

No. of current licences at end of year.— 1,621.

Details of the results of all examinations of samples of milk are given in Table 49.

Food and Drugs Act, 1955. Section 31.—Samples of milk are being obtained and submitted for biological examination. The results of 109 samples have been received and are shown in Table 49. The positive result refers to a sample of raw milk from a producer/retailer, which, on examination, showed Brucella Melitensis to be present. In conjunction with officials of the Health Department of the local authority concerned, appropriate action was taken.

The Chief Inspector of Weights and Measures reported that 12 samples of milk were found to be either deficient in milk fat or showed evidence of added water. It was decided that 4 cases were suitable to take before the Justices and 8 were referred to the National Agricultural Advisory Service, two of the latter offenders also receiving warning letters.

TABLE 49.

ADMINISTRATIVE COUNTY OF DURHAM, 1961.—Results of examination of samples of raw, pasteurised and sterilised milk collected by officers of the County Health Department.

No. of samples taken	Methylene Blue Test			Phosphatase Test			Biological Test for Tuberculosis, etc.			Turbidity Test			
	Passed	Failed	Inconclusive	No. of samples taken	Passed	Failed	% Failed	Positive	Inconclusive	% Positive	Passed	Failed	% Failed
<i>Pasteurised Milk</i>													
(a) Dairies ..	500	497	3	0.6	500	—	—	—	—	—	—	—	—
(b) Schools ..	179	173	4	2.2	179	—	—	—	—	—	—	—	—
(c) Hospitals ..	46	46	—	—	46	—	—	—	—	—	—	—	—
(d) Dealers ..	993	948	43	4.3	993	—	—	—	—	—	—	—	—
	1718	1664	50	4	1718	—	—	—	—	—	—	—	—
<i>Raw Milk</i>													
(a) Farms ..	114	89	25	21.9	—	—	—	—	—	—	—	—	—
(b) Dealers ..	191	155	35	18.3	—	—	—	—	—	—	—	—	—
	305	244	60	1	19.7	—	—	—	—	—	—	—	—
						—	—	—	—	—	—	—	—
<i>Sterilised Milk</i>													
(a) Dairies ..	38	—	—	—	—	—	—	—	—	—	38	—	—
(b) Dealers ..	441	—	—	—	—	—	—	—	—	—	441	—	—
	479	—	—	—	—	—	—	—	—	—	479	—	—
	2502	1908	110	5	4.4	1718	—	—	—	—	109	108	1
							—	—	—	—	—	0.9	479

FOOD AND DRUGS ACT.

The following statement shows the results of examinations carried out by the County Analyst during the year.—

	No. of samples.	No. adulterated.	% adulterated.
Milk	1,219	28	2.3
Other foods and drugs	1,899	33	1.7
	<hr/>	<hr/>	<hr/>
	3,118	61	2.0
Appeal to cow samples			43
Milk below presumptive standard, but genuine			84

WATER SUPPLIES.

Copies of results of analyses of water samples taken by local authorities are sent to the County Health Department and where necessary further investigations are carried out. Of 606 samples taken, 89 were classified as unsatisfactory. These unsatisfactory samples were generally from individual spring or well supplies to isolated farms or dwellings, and in a number of instances were repeat samples of those reported in previous years. Routine samples of supplies to schools, kitchens, dairies and similar establishments continue to be taken by officers of the Department, and have proved generally satisfactory. Where adverse reports were received they came from local supplies subject to variation in quality and quantity due to extreme weather changes.

There has been no change in the number of major undertakings in the administrative county during the year.

DRAINAGE, SEWERAGE AND SEWAGE DISPOSAL.

Routine inspections of existing disposal works and those under construction continue to be made. A number of schemes to replace over-loaded and defective works, and to enable the continued development of housing estates, have been submitted by local authorities for consideration. Investigations have been carried out in each case and appropriate recommendations made.

Tyneside Sewage Disposal.—Meetings of the Working Committee and Technical Sub-Committee have been held during the year, and Messrs. J. D. and D. M. Watson have been appointed Consulting Engineers to advise on the disposal of sewage at sea. These investigations are continuing.

RURAL WATER SUPPLIES AND SEWERAGE ACTS, 1944-55.

In connection with Section 2(1) of the above Acts, although a number of schemes are under consideration, the following received contributions during the year.—

	<i>Estimated Cost. £</i>
(a) Darlington Rural District Sewerage and Sewage Disposal Scheme—Whessoe	23,467
(b) Darlington Rural District Sewerage and Sewage Disposal Scheme—Middleton-St.-George ..	75,340
(c) Darlington Rural District Sewerage and Sewage Disposal Scheme—Bishopton	20,960

The following table gives the number and type of convenience in each sanitary district of the county at the end of 1961. In addition information is given in the table as to the conversions of ashpit privies and ash-closets into water-closets during the year.

DISTRICTS.	Total number in District			Ashpit Privies converted into Water-Closets	Ash Closets converted into Water-Closets
	Water-Closets	Ash-Closets	Ashpit Privies		
AREA No. 1.					
Blaydon U.D. . .	12,212	80	—	—	2
Ryton U.D. . .	4,897	—	17	1	2
Whickham U.D. . .	8,591	3	55	—	—
AREA No. 2.					
Jarrow M.B. . .	10,953	—	—	—	—
Felling U.D. . .	12,427	10	—	—	—
Hebburn U.D. . .	7,800	—	—	—	—
AREA No. 3.					
Consett U.D. . .	13,737	71	8	—	—
Stanley U.D. . .	15,101	85	—	—	—
Lanchester R.D. . .	4,555	77	37	—	—
AREA No. 4.					
Chester-le-Street U.D. . .	7,423	22	—	—	2
Chester-le-Street R.D. . .	12,223	155	—	—	—
AREA No. 5.					
Boldon U.D. . .	7,998	2	17	28	—
Hetton U.D. . .	5,900	119	17	—	—
Houghton-le-Spring U.D. . .	9,924	20	6	1	—
Seaham U.D. . .	9,517	—	9	—	—
Washington U.D. . .	6,965	7	—	—	—
Sunderland R.D. . .	8,384	—	26	—	—
AREA No. 6.					
Crook & Willington U.D. . .	9,036	392	23	—	122
Tow Law U.D. . .	677	428	—	—	9
Weardale R.D. . .	2,452	559	122	28	33
AREA No. 7.					
Durham M.B. . .	7,282	16	6	—	—
Brandon & Byshottles U.D. . .	5,881	693	6	—	18
Durham R.D. . .	12,110	194	13	1	9
AREA No. 8.					
Barnard Castle U.D. . .	2,312	3	1	—	—
Barnard Castle R.D. . .	4,890	1,319	4	64	2
AREA No. 9.					
Bishop Auckland U.D. . .	11,914	1,301	113	—	42
Shildon U.D. . .	4,758	179	—	2	—
Spennymoor U.D. . .	7,187	306	16	—	—
AREA No. 10.					
Hartlepool M.B. . .	5,194	13	3	—	—
Billingham U.D. . .	9,976	4	30	—	—
Darlington R.D. . .	6,860	263	—	46	—
Sedgefield R.D. . .	13,058	169	—	5	—
Stockton R.D. . .	3,106	33	—	—	5
Easington R.D. . .	27,486	97	71	1	—
Stockton M.B. . .	30,802	—	—	—	—

Statement as to the position of Housing in the Administrative County of Durham on the 31st December, 1961. (Figures supplied by District Councils).

Districts.	Houses Erected during 1961 By			Total No. of Inhabited Houses in District
	Local Authority	Any Other Housing Authority	Private Persons	
<i>Area No. 1.</i>				
Blaydon U.D. . .	98	—	106	10,182
Ryton U.D. . .	20	—	60	4,643
Whickham U.D. . .	—	—	181	8,040
<i>Area No. 2.</i>				
Jarrow M.B. . . .	268	—	9	9,053
Felling U.D. . . .	154	242	191	11,453
Hebburn U.D. . . .	82	—	—	7,862
<i>Area No. 3.</i>				
Consett U.D. . . .	44	—	137	11,998
Stanley U.D. . . .	144	—	66	14,779
Lanchester R.D. . . .	—	—	36	4,407
<i>Area No. 4.</i>				
Chester-le-Street U.D. . .	43	—	72	6,310
Chester-le-Street R.D. . .	102	—	275	12,896
<i>Area No. 5.</i>				
Boldon U.D. . . .	160	—	137	7,520
Hetton U.D. . . .	37	—	19	5,447
Houghton-le-Sp. U.D. . .	150	—	11	9,930
Seaham U.D. . . .	66	—	4	8,058
Washington U.D. . . .	14	—	139	5,907
Sunderland R.D. . . .	106	4	99	8,888
<i>Area No. 6.</i>				
Crook and Willington U.D. . . .	23	—	9	8,376
Tow Law U.D. . . .	—	28	—	983
Weardale R.D. . . .	—	—	4	3,136
<i>Area No. 7.</i>				
Durham M.B. . . .	—	—	101	6,315
Brandon and Byshottles U.D. . .	93	—	1	6,574
Durham R.D. . . .	82	—	197	11,184
<i>Area No. 8.</i>				
Barnard Castle U.D. . . .	—	12	11	1,667
Barnard Castle R.D. . . .	26	—	23	5,963
<i>Area No. 9.</i>				
Bp. Auckland U.D. . . .	53	—	19	11,484
Shildon U.D. . . .	46	—	2	4,673
Spennymoor U.D. . . .	72	—	29	6,173
<i>Area No. 10.</i>				
Hartlepool M.B. . . .	132	—	103	5,210
Billingham U.D. . . .	168	6	127	9,769
Darlington R.D. . . .	24	330	48	7,102
Sedgefield R.D. . . .	46	—	34	11,241
Stockton R.D. . . .	8	—	99	3,005
Easington R.D. . . .	118	337	32	27,056
Stockton M.B. . . .	395	2	391	24,608
Total	2,774	961	2,772	301,892

TABLE A.

ADMINISTRATIVE COUNTY OF DURHAM, 1961.—Deaths by causes at various age periods.

	All Ages	Under 1 week.	Under 1 mth.	1—3 mths.	3—6 mths.	6—9 mths.	9—12 mths.	Under 1 Year	1—2 yrs.	2—5 yrs.	5—15 yrs.	15—25 yrs.	25—45 yrs.	45—65 yrs.	65—75 yrs.	75 & Upw.	
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Eneric Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Whooping Cough	1	—	—	—	—	—	—	—	—	—	—	—	—	—	
Diarrhoea	2	—	—	—	—	—	—	—	—	—	—	1	—	1	
Enteritis	25	—	1	2	3	—	—	6	—	—	—	1	8	6	
Cerebro-Spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Encephalitis Lethargica	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Esipelas	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Influenza	48	—	—	—	—	—	—	—	1	—	—	1	13	16	
Cancer	1,895	—	—	—	—	—	—	—	1	6	9	10	99	724	
Rheumatic Fever	14	—	—	—	—	—	—	—	—	—	—	4	5	591	
Apendicitis	9	—	—	—	—	—	—	—	—	—	—	1	1	3	
Other Septic Diseases	9	—	—	—	—	—	—	—	—	—	—	2	3	1	
Phthisis	74	—	—	—	—	—	—	—	—	—	—	12	35	17	
Tuberculous Meningitis	1	—	—	—	—	—	—	—	—	—	—	—	1	—	
Ablominal Tuberculosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other Tuberculous Diseases	2	—	—	—	—	—	—	—	—	—	—	—	1	—	
Bronchitis	567	—	1	1	3	—	—	5	2	1	—	—	12	175	
Broncho-Pneumonia	447	7	4	10	13	7	6	47	5	1	4	—	9	51	
Lobar Pneumonia	69	—	—	—	—	—	2	2	—	1	1	3	20	18	
Pnunonia (All other forms)	99	3	5	3	3	4	18	1	2	—	—	8	19	51	
Pleurisy	4	—	—	—	—	—	—	—	—	—	—	2	2	—	
Other Diseases of Respiratory Organs	108	—	—	1	—	—	—	1	—	—	2	2	6	44	
Alcoholism	1	—	—	—	—	—	—	—	—	—	—	—	1	—	
Cirhosis of Liver	37	—	—	—	—	—	—	—	—	—	—	4	18	10	
Nephritis and Bright's Disease	152	—	—	—	—	—	—	—	—	3	4	22	44	38	
Puerperal Sepsis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	41	
Other Diseases of Pregnancy, Childbirth and the Puerperal State	7	—	—	—	—	—	—	—	—	2	5	—	—	—	
Coagenital Malformation	105	31	23	19	11	6	—	90	8	2	3	2	—	—	
Prenature Birth	156	149	4	3	—	—	—	156	—	—	—	—	—	—	
Coagenital Debility	10	9	—	1	—	—	—	10	—	—	—	—	—	—	
Maasmus, Atrophy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Injtry at Birth	7	7	—	—	—	—	—	7	—	—	—	—	—	—	
Atectasis	20	18	2	—	—	—	—	20	—	—	—	—	—	—	
Meningitis (not Tuberculous)	10	—	2	—	1	2	1	7	—	—	—	—	3	—	
Convulsions	4	—	—	—	—	—	—	2	—	1	—	—	—	—	
Gastritis	2	—	—	—	—	—	—	—	—	—	—	—	—	2	
Syphilis	12	—	—	—	—	—	—	—	—	—	—	3	6	3	
Organic Heart Disease	1,024	—	—	—	—	—	—	—	—	2	4	60	241	330	
Vicent or Accidental Death excluding Suicide	347	—	1	3	7	3	—	14	4	13	22	43	62	83	
Sufocation Overlaying	—	—	—	—	—	—	—	14	—	—	—	—	—	70	
Buns and Scalds	1	—	—	—	—	—	—	—	1	—	—	—	—	—	
Suicide	65	—	—	—	—	—	—	—	—	—	1	18	26	12	
Artrio-Sclerosis	3,689	—	—	—	—	—	—	—	—	—	1	59	845	1,210	
Senility	805	—	—	—	—	—	—	—	—	—	—	—	54	751	
Central Haemorrhage	285	15	—	—	—	—	—	15	—	—	4	17	88	77	
Other Defined Diseases	620	1	—	—	2	2	1	6	3	4	6	8	55	163	
Diseases ill-defined or unknown	4	1	—	—	—	—	—	1	—	1	—	—	1	194	
TOTAL	10,737	241	43	44	45	19	15	407	27	30	54	81	453	2,606	2,981	4,098

Category	Number of samples	Mean value	SD	Significance	
				Significance level	Test
Control	10	1.70	0.10	<0.001	t-test
100 mg/m ³	10	1.70	0.10	<0.001	t-test
200 mg/m ³	10	1.70	0.10	<0.001	t-test
400 mg/m ³	10	1.70	0.10	<0.001	t-test
800 mg/m ³	10	1.70	0.10	<0.001	t-test
1600 mg/m ³	10	1.70	0.10	<0.001	t-test
3200 mg/m ³	10	1.70	0.10	<0.001	t-test
6400 mg/m ³	10	1.70	0.10	<0.001	t-test
12800 mg/m ³	10	1.70	0.10	<0.001	t-test
25600 mg/m ³	10	1.70	0.10	<0.001	t-test
51200 mg/m ³	10	1.70	0.10	<0.001	t-test
102400 mg/m ³	10	1.70	0.10	<0.001	t-test
204800 mg/m ³	10	1.70	0.10	<0.001	t-test
409600 mg/m ³	10	1.70	0.10	<0.001	t-test
819200 mg/m ³	10	1.70	0.10	<0.001	t-test
1638400 mg/m ³	10	1.70	0.10	<0.001	t-test
3276800 mg/m ³	10	1.70	0.10	<0.001	t-test
6553600 mg/m ³	10	1.70	0.10	<0.001	t-test
13107200 mg/m ³	10	1.70	0.10	<0.001	t-test
26214400 mg/m ³	10	1.70	0.10	<0.001	t-test
52428800 mg/m ³	10	1.70	0.10	<0.001	t-test
104857600 mg/m ³	10	1.70	0.10	<0.001	t-test
209715200 mg/m ³	10	1.70	0.10	<0.001	t-test
419430400 mg/m ³	10	1.70	0.10	<0.001	t-test
838860800 mg/m ³	10	1.70	0.10	<0.001	t-test
1677721600 mg/m ³	10	1.70	0.10	<0.001	t-test
3355443200 mg/m ³	10	1.70	0.10	<0.001	t-test
6710886400 mg/m ³	10	1.70	0.10	<0.001	t-test
13421772800 mg/m ³	10	1.70	0.10	<0.001	t-test
26843545600 mg/m ³	10	1.70	0.10	<0.001	t-test
53687091200 mg/m ³	10	1.70	0.10	<0.001	t-test
107374182400 mg/m ³	10	1.70	0.10	<0.001	t-test
214748364800 mg/m ³	10	1.70	0.10	<0.001	t-test
429496729600 mg/m ³	10	1.70	0.10	<0.001	t-test
858993459200 mg/m ³	10	1.70	0.10	<0.001	t-test
1717986918400 mg/m ³	10	1.70	0.10	<0.001	t-test
3435973836800 mg/m ³	10	1.70	0.10	<0.001	t-test
6871947673600 mg/m ³	10	1.70	0.10	<0.001	t-test
13743895347200 mg/m ³	10	1.70	0.10	<0.001	t-test
27487790694400 mg/m ³	10	1.70	0.10	<0.001	t-test
54975581388800 mg/m ³	10	1.70	0.10	<0.001	t-test
109951162777600 mg/m ³	10	1.70	0.10	<0.001	t-test
219902325555200 mg/m ³	10	1.70	0.10	<0.001	t-test
439804651110400 mg/m ³	10	1.70	0.10	<0.001	t-test
879609302220800 mg/m ³	10	1.70	0.10	<0.001	t-test
1759218604441600 mg/m ³	10	1.70	0.10	<0.001	t-test
3518437208883200 mg/m ³	10	1.70	0.10	<0.001	t-test
7036874417766400 mg/m ³	10	1.70	0.10	<0.001	t-test
14073748835532800 mg/m ³	10	1.70	0.10	<0.001	t-test
28147497671065600 mg/m ³	10	1.70	0.10	<0.001	t-test
56294995342131200 mg/m ³	10	1.70	0.10	<0.001	t-test
11258999068426400 mg/m ³	10	1.70	0.10	<0.001	t-test
22517998136852800 mg/m ³	10	1.70	0.10	<0.001	t-test
45035996273705600 mg/m ³	10	1.70	0.10	<0.001	t-test
90071992547411200 mg/m ³	10	1.70	0.10	<0.001	t-test
180143985094822400 mg/m ³	10	1.70	0.10	<0.001	t-test
360287970189644800 mg/m ³	10	1.70	0.10	<0.001	t-test
720575940379289600 mg/m ³	10	1.70	0.10	<0.001	t-test
1441151880758579200 mg/m ³	10	1.70	0.10	<0.001	t-test
2882303761517158400 mg/m ³	10	1.70	0.10	<0.001	t-test
5764607523034316800 mg/m ³	10	1.70	0.10	<0.001	t-test
1152921504606863200 mg/m ³	10	1.70	0.10	<0.001	t-test
2305843009213726400 mg/m ³	10	1.70	0.10	<0.001	t-test
4611686018427452800 mg/m ³	10	1.70	0.10	<0.001	t-test
9223372036854905600 mg/m ³	10	1.70	0.10	<0.001	t-test
18446744073709811200 mg/m ³	10	1.70	0.10	<0.001	t-test
36893488147419622400 mg/m ³	10	1.70	0.10	<0.001	t-test
73786976294839244800 mg/m ³	10	1.70	0.10	<0.001	t-test
147573952589678489600 mg/m ³	10	1.70	0.10	<0.001	t-test
295147905179356979200 mg/m ³	10	1.70	0.10	<0.001	t-test
590295810358713958400 mg/m ³	10	1.70	0.10	<0.001	t-test
1180591620717427916800 mg/m ³	10	1.70	0.10	<0.001	t-test
2361183241434855833600 mg/m ³	10	1.70	0.10	<0.001	t-test
4722366482869711667200 mg/m ³	10	1.70	0.10	<0.001	t-test
9444732965739423334400 mg/m ³	10	1.70	0.10	<0.001	t-test
18889465931478846668800 mg/m ³	10	1.70	0.10	<0.001	t-test
37778931862957693337600 mg/m ³	10	1.70	0.10	<0.001	t-test
75557863725915386675200 mg/m ³	10	1.70	0.10	<0.001	t-test
15111572745183077340400 mg/m ³	10	1.70	0.10	<0.001	t-test
30223145490366154680800 mg/m ³	10	1.70	0.10	<0.001	t-test
60446290980732309361600 mg/m ³	10	1.70	0.10	<0.001	t-test
120892581961464618723200 mg/m ³	10	1.70	0.10	<0.001	t-test
241785163922929237446400 mg/m ³	10	1.70	0.10	<0.001	t-test
483570327845858474892800 mg/m ³	10	1.70	0.10	<0.001	t-test
967140655691716949785600 mg/m ³	10	1.70	0.10	<0.001	t-test
1934281311383433895571200 mg/m ³	10	1.70	0.10	<0.001	t-test
3868562622766867791142400 mg/m ³	10	1.70	0.10	<0.001	t-test
7737125245533735582284800 mg/m ³	10	1.70	0.10	<0.001	t-test
15474250491067471164569600 mg/m ³	10	1.70	0.10	<0.001	t-test
30948500982134942329139200 mg/m ³	10	1.70	0.10	<0.001	t-test
61897001964269884658278400 mg/m ³	10	1.70	0.10	<0.001	t-test
12379400392853976931655600 mg/m ³	10	1.70	0.10	<0.001	t-test
24758800785707953863311200 mg/m ³	10	1.70	0.10	<0.001	t-test
49517601571415907726622400 mg/m ³	10	1.70	0.10	<0.001	t-test
99035203142831815453244800 mg/m ³	10	1.70	0.10	<0.001	t-test
198070406285663630906489600 mg/m ³	10	1.70	0.10	<0.001	t-test
396140812571327261812979200 mg/m ³	10	1.70	0.10	<0.001	t-test
792281625142654523625958400 mg/m ³	10	1.70	0.10	<0.001	t-test
1584563252885309047251916800 mg/m ³	10	1.70	0.10	<0.001	t-test
3169126505770618094503833600 mg/m ³	10	1.70	0.10	<0.001	t-test
6338253011541236189007667200 mg/m ³	10	1.70	0.10	<0.001	t-test
12676506023882472378015334400 mg/m ³	10	1.70	0.10	<0.001	t-test
25353012047764944756030668800 mg/m ³	10	1.70	0.10	<0.001	t-test
50706024095529889512061337600 mg/m ³	10	1.70	0.10	<0.001	t-test
101412048191059779024122675200 mg/m ³	10	1.70	0.10	<0.001	t-test
202824096382119558048245350400 mg/m ³	10	1.70	0.10	<0.001	t-test
405648192764238716096490700800 mg/m ³	10	1.70	0.10	<0.001	t-test
811296385528477432192981401600 mg/m ³	10	1.70	0.10	<0.001	t-test
1622592771056954864385962803200 mg/m ³	10	1.70	0.10	<0.001	t-test
3245185542113909728771925606400 mg/m ³	10	1.70	0.10	<0.001	t-test
6490371084227819457543851212800 mg/m ³	10	1.70	0.10	<0.001	t-test
12980742168455638915087702425600 mg/m ³	10	1.70	0.10	<0.001	t-test
25961484336911277830175404851200 mg/m ³	10	1.70	0.10	<0.001	t-test
51922968673822555660350809602400 mg/m ³	10	1.70	0.10	<0.001	t-test
103845937347645111320701619204800 mg/m ³	10	1.70	0.10	<0.001	t-test
207691874695290222641403238409600 mg/m ³	10	1.70	0.10	<0.001	t-test
415383749390580445282806476819200 mg/m ³	10	1.70	0.10	<0.001	t-test
830767498781160890565612953638400 mg/m ³	10	1.70	0.10	<0.001	t-test
1661534997562321781131225907276800 mg/m ³	10	1.70	0.10	<0.001	t-test
3323069995124643562262451814553600 mg/m ³	10	1.70	0.10	<0.001	t-test
6646139990249287124524903629107200 mg/m ³	10	1.70	0.10	<0.001	t-test
13292279980498572489049067258214400 mg/m ³	10	1.70	0.10	<0.001	t-test
26584559960997144978098134516428800 mg/m ³	10	1.70	0.10	<0.001	t-test
53169119921994289956196269032857600 mg/m ³	10	1.70	0.10	<0.001	t-test
10633823944398579912393133806575200 mg/m ³	10	1.70	0.10	<0.001	t-test
21267647888797159824786267613150400 mg/m ³	10	1.70	0.10	<0.001	t-test
42535295777594319649572535226300800 mg/m ³	10	1.70	0.10	<0.001	t-test
85070591555188639299145070452601600 mg/m ³	10	1.70	0.10	<0.001	t-test
17014118311037727859829014090523200 mg/m ³	10	1.70	0.10	<0.001	t-test
34028236622075455719658028181046400 mg/m ³	10	1.70	0.10	<0.001	t-test
68056473244150911439316056362092800 mg/m ³	10	1.70	0.10	<0.001	t-test
136112946488301822678632112724185600 mg/m ³	10	1.70	0.10	<0.001	t-test
272225892976603645357264225448371200 mg/m ³	10	1.70	0.10	<0.001	t-test
544451785953207290714528450896742400 mg/m ³	10	1.70	0.10	<0.001	t-test
108890357906407458142905690179348800 mg/m ³	10	1.70	0.10	<0.001	t-test
217780715812814916285811380358697600 mg/m ³	10	1.70	0.10	<0.001	t-test
43556143162562983257162276071735200 mg/m ³	10	1.70	0.10	<0.001	t-test
87112286325125966514324552143470400 mg/m ³	10	1.70	0.10	<0.001	t-test
174224572650259333028689044286940800 mg/m ³	10	1.70	0.10	<0.001	

TABLE B.
POPULATION, BIRTH-RATE, DEATH-RATE, ETC., WITHIN THE ADMINISTRATIVE COUNTY OF DURHAM—1961.

DISTRICTS	Medical Officer of Health	Area in Acres	Registrar General's estimated Resident Population 1961	Live Births.	Still Births.	Deaths.	Birth-rate.	Death-rate.	Death-rate from seven Principal Infective Diseases	Infant Mortality-rate per 1,000 Births.	Phthisis Death-rate.	Total Tuberculosis Death-rate.	Lung Diseases Death-rate.	Deaths occurring outside District included.	Deaths occurring within District excluded	
AREA No. 1. Blaydon U.D. ..	J. A. Dryden, M.A., B.Sc., M.B., B.Chr., D.P.H., D.I.H. Do. Do.	9,235	30,790	531	21	348	17.2	11.3	0.03	26	0.13	0.13	1.33	164	9	
		5,145	13,810	189	4	182	13.7	13.2	—	26	—	—	0.87	58	12	
		6,074	24,950	454	11	225	18.2	9.0	—	20	0.04	0.04	1.08..	89	135	
AREA No. 2. Jarrow M.B. ..	T. C. Falconer, M.B., Ch.B., D.P.H. Do. Do.	20,454	69,550	1,174	36	755	16.9	10.9	0.01	24	0.07	0.07	1.15	311	156	
		1,697	28,690	557	8	317	19.4	11.0	—	34	0.07	0.07	1.46	116	22	
		3,259	36,130	754	20	379	20.9	10.5	—	27	0.03	0.03	1.27	176	8	
Hebburn, U.D. ..		1,554	24,980	522	13	253	20.9	10.1	—	8	0.08	0.08	1.08	90	6	
		6,510	89,800	1,833	41	949	20.4	10.6	—	23	0.06	0.06	1.28	382	36	
		10,042	38,720	692	10	441	17.9	11.4	—	14	0.03	0.05	1.19	77	417	
AREA No. 3. Consett U.D. ..	R. Hill, M.B., B.Ch., D.P.H. Do. Do.	12,659	46,500	728	13	544	15.7	11.7	0.02	29	0.04	0.04	0.97	260	7	
		44,243	14,600	245	4	229	16.8	15.7	—	20	0.07	0.07	1.16	65	162	
		66,944	99,820	1,665	27	1,214	16.7	12.2	0.01	22	0.04	0.05	1.08	402	586	
AREA No. 4. Chester-le-Street U.D. ..	J. L. Siddle, M.B., B.S., D.P.H. Do.	2,656	18,930	289	11	259	15.3	13.7	—	21	0.26	0.26	1.58	45	183	
		22,223	41,240	687	19	452	16.7	11.0	—	23	0.07	0.07	1.21	242	8	
		24,879	60,170	976	30	711	16.2	11.8	—	23	0.13	0.13	1.33	287	191	
AREA No. 5. Boldon U.D. ..	T. C. Falconer, M.B., Ch.B., D.P.H. R. C. F. Smith, M.D., D.P.H. ..	7,640	22,540	442	6	226	19.6	10.0	—	9	0.09	0.09	1.51	97	7	
		4,551	17,520	272	7	152	15.5	8.7	—	22	—	—	0.91	70	5	
		5,026	30,670	565	5	340	18.4	11.1	—	27	0.03	0.03	1.08	180	1	
Houghton-le-Spring U.D. ..	Do. J. W. A. Rodgers, M.B., B.Ch., D.P.H. R. C. F. Smith, M.D., D.P.H.	2,469	25,660	485	17	268	18.9	10.4	0.04	35	0.04	0.04	1.25	131	54	
		5,758	18,880	368	4	218	19.5	11.5	0.05	22	0.32	0.32	1.59	86	1	
		6,734	28,090	497	11	340	17.7	12.1	—	14	0.07	0.07	1.82	103	331	
Seaham U.D. ..		32,178	143,360	2,629	50	1,544	18.3	10.8	0.01	22	0.08	0.08	1.37	667	399	
		15,476	25,290	383	4	349	15.1	13.8	—	21	0.04	0.04	1.15	111	32	
		477	2,930	47	2	45	16.0	15.4	—	64	—	—	1.71	20	1	
Tow Law U.D. ..	Do. G. A. Macgregor, M.D., D.P.H. ..	99,513	8,350	120	3	142	14.4	17.0	—	42	0.24	0.24	1.20	48	43	
		115,466	36,570	550	9	536	15.0	14.7	—	29	0.08	0.08	1.20	179	76	
		4,578	21,540	289	3	254	13.4	11.8	0.05	17	0.05	0.05	1.67	25	400	
Durham M.B. ..	R. G. Drummond, M.B., Ch.B., D.P.H. Do. Do.	8,224	19,990	355	11	229	17.8	11.5	—	37	—	—	1.70	99	7	
		34,068	36,070	645	16	371	17.5	10.3	—	17	0.14	0.14	1.00	162	5	
		46,870	77,600	1,289	30	854	16.6	11.0	0.01	22	0.08	0.08	1.37	286	412	
Barnard Castle U.D. ..	A. S. M. Wilson, L.R.C.P., L.R.C.S., L.R.F.P.S., D.P.H. Do.	559	5,290	85	2	93	16.1	17.6	—	35	—	—	1.51	19	35	
		110,118	16,810	243	4	211	14.5	12.6	—	21	—	—	0.77	71	8	
		110,677	22,100	328	6	304	14.8	13.8	—	24	—	—	0.95	90	43	
Bishop Auckland U.D. ..	J. M. Hegarty, M.B., B.Ch., B.A.O., D.P.H. Do. Shildon U.D. ..	9,332	35,400	626	19	438	17.7	12.4	—	29	0.11	0.11	1.07	38	361	
		4,827	14,070	261	7	160	18.6	11.4	—	23	—	—	1.07	81	6	
		7,543	19,110	329	7	199	17.2	10.4	—	33	0.16	0.16	1.26	103	2	
Spennymoor U.D. ..		21,702	68,580	1,216	33	797	17.7	11.6	—	29	0.10	0.10	1.12	222	369	
		1,473	17,710	320	6	176	18.1	9.9	—	19	0.11	0.11	0.90	82	54	
		7,855	31,880	743	11	270	23.3	8.5	—	17	0.09	0.09	0.97	153	18	
Darlington R.D. ..	M. W. Rodgers, M.B., B.Ch., B.A.O., D.P.H. Do.	45,479	24,000	526	8	186	21.9	7.8	—	27	0.04	0.04	0.63	79	22	
		39,057	37,160	552	15	550	14.9	14.8	—	33	0.08	0.11	1.86	91	431	
		40,614	9,670	191	4	108	19.8	11.2	—	10	—	—	1.34	52	5	
Stockton R.D. ..	L. R. Benham, M.B., B.S., D.P.H. Do.	134,478	120,420	2,332	44	1,290	19.4	10.7	—	23	0.07	0.08	1.20	457	530	
		34,653	85,580	1,689	46	892	19.7	10.4	0.02	22	0.08	0.09	1.15	352	87	
		5,465	81,500	1,730	43	891	21.2	10.9	—	24	0.10	0.10	1.44	308	166	
ADMINISTRATIVE COUNTY ..		620,276	955,050	17,411	395	10,737	18.2	11.2	0.01	23	0.08	0.08	1.24	3,943	3,051	

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TABLE C.
MORTALITY AT CERTAIN AGES AND FROM CERTAIN SPECIFIED CAUSES WITHIN THE ADMINISTRATIVE COUNTY OF DURHAM—1961

Date

Debtors

1. 000 A.D.

G.I. mon. 18

G.I. mon. 3

G.I. mon. 14

2. 000 A.D.

G.I. mon. 19

G.I. mon. 2

G.I. mon. 20

3. 000 A.D.

G.I. mon. 21

G.I. mon. 22

G.I. mon. 23

3. 000 - 3500 A.D.

G.I. mon. 24 - 25

G.I. mon. 26 - 27

4. 000 A.D.

G.I. mon. 28

G. I. mon. 29

G.I. mon. 30 - 31

G.I. mon. 32

5. 000 A.D.

G.I. mon. 33 - 34

G.I. mon. 35

G.I. mon. 36

6. 000 A.D.

G.I. mon. 37

G.I. mon. 38

G.I. mon. 39

7. 000 A.D.

TABLE D.

ADMINISTRATIVE COUNTY OF DURHAM.—CLASSIFICATION OF DEATHS AS SUPPLIED BY THE REGISTRAR GENERAL, 1961.

(Throughout this report figures relating to deaths are based on local tabulations extracted from the monthly returns submitted by district registrars).

CAUSES OF DEATH.	TOTAL	M	F	*URBAN DISTRICTS	RURAL DISTRICTS	AGE PERIODS.																			
						MALE.									FEMALE.										
						M	F	M	F	0—	1—	5—	15—	25—	45—	65—	75—	0—	1—	5—	15—	25—	45—	65—	75—
1 Tuberculosis, respiratory ..	75	54	21	35	16	19	5	—	—	—	—	5	28	15	6	—	—	—	—	—	7	8	2	4	
2 Tuberculosis, other ..	5	2	3	1	2	1	1	—	—	—	—	2	—	—	—	—	—	—	—	2	—	—	1	4	
3 Syphilitic disease ..	20	12	8	10	5	2	3	—	—	—	—	—	6	4	2	—	—	—	—	—	1	—	4	3	
4 Diphtheria ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5 Whooping Cough ..	1	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6 Meningococcal infections ..	4	2	2	—	1	2	1	2	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	
7 Acute poliomylitis ..	2	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8 Measles ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9 Other infective and parasitic diseases ..	17	10	7	9	5	1	2	—	3	—	—	1	1	2	1	2	—	—	—	—	—	—	—	—	
10 Malignant neoplasm, stomach ..	357	198	159	128	110	70	49	—	—	—	—	1	6	76	64	52	—	—	1	—	2	1	—	1	
11 Malignant neoplasm, lung, bronchus ..	391	342	49	243	40	99	9	—	—	—	—	13	179	108	42	—	—	—	—	—	4	39	48	68	
12 Malignant neoplasm, breast ..	148	4	144	3	102	1	42	—	—	—	—	—	3	—	1	—	—	—	—	—	7	24	12	6	
13 Malignant neoplasm, uterus ..	73	—	73	—	56	—	17	—	—	—	—	—	—	3	1	—	—	—	—	—	10	69	39	26	
14 Other malignant and lymphatic neoplasms ..	870	453	417	320	280	133	137	—	—	1	2	2	26	150	147	125	—	—	2	2	5	18	132	133	125
15 Leukaemia, aleukaemia ..	57	29	28	21	18	8	10	—	2	3	3	3	9	6	3	—	2	1	1	4	9	5	6	—	
16 Diabetes ..	70	17	53	11	35	6	18	—	—	—	—	1	2	5	9	—	—	—	3	9	24	17	—	—	
17 Vascular lesions of nervous system ..	1601	745	856	488	566	257	290	—	—	2	13	152	249	329	—	—	—	2	7	132	257	458	—	—	
18 Coronary disease, angina ..	2116	1320	796	875	544	445	252	—	—	42	501	427	350	—	—	—	—	—	10	151	315	320	—	—	
19 Hypertension with heart disease ..	237	94	143	57	101	37	42	—	—	—	1	21	33	39	—	—	—	—	—	1	21	50	71	—	
20 Other heart disease ..	1175	515	660	358	436	157	224	—	—	—	—	24	77	130	282	—	—	—	2	21	75	131	431	—	
21 Other circulatory disease ..	471	230	241	140	161	90	80	—	—	—	—	1	10	36	51	133	1	—	—	2	21	62	155	—	
22 Influenza ..	56	29	27	22	17	7	10	—	—	—	—	4	8	9	8	—	—	—	—	—	6	9	11	—	
23 Pneumonia ..	509	241	268	164	174	77	94	38	3	2	1	6	30	56	105	32	3	3	—	6	33	59	132	—	
24 Bronchitis ..	571	428	143	302	100	126	43	2	1	—	7	146	156	116	3	1	—	—	—	3	27	43	66	—	
25 Other diseases of respiratory system ..	126	85	41	63	31	22	10	3	—	—	—	4	37	27	14	—	—	—	1	1	6	8	24	—	
26 Ulcer of stomach and duodenum ..	75	52	23	36	17	16	6	—	—	—	1	5	18	15	13	—	—	—	—	—	1	8	5	9	
27 Gastritis, enteritis and diarrhoea ..	38	12	26	9	19	3	7	2	—	—	—	5	3	2	4	—	—	—	—	—	2	5	8	7	
28 Nephritis and nephrosis ..	81	47	34	25	26	22	8	—	—	—	2	9	21	9	6	—	—	—	1	1	7	8	9	8	
29 Hyperplasia of prostate ..	54	54	—	34	—	20	—	—	—	—	—	2	13	39	—	—	—	—	—	2	3	—	—	—	
30 Pregnancy, childbirth, abortion ..	5	—	5	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
31 Congenital malformations ..	114	59	55	34	33	25	22	43	4	2	3	5	2	—	—	42	6	2	2	2	2	1	—	—	
32 Other defined and ill-defined diseases ..	930	429	501	294	330	135	171	120	6	5	2	22	79	61	134	99	3	4	4	29	76	91	195	—	
33 Motor vehicle accidents ..	148	118	30	82	22	36	8	—	13	8	31	24	21	11	10	—	7	5	7	5	3	1	—	—	
34 All other accidents ..	266	146	120	108	74	38	46	10	4	4	5	27	46	18	32	4	1	2	1	4	13	17	78	—	
35 Suicide ..	67	46	21	37	17	9	4	—	—	1	14	17	7	7	—	—	—	—	—	4	11	5	1	—	
36 Homicide and operations of war ..	6	5	1	2	1	3	—	—	—	1	1	2	—	1	—	—	—	—	—	—	—	—	1	—	
TOTAL ..	10736	5780	4956	3913	3343	1867	1613	220	37	29	57	274	1673	1630	1860	189	20	24	26	177	932	1356	2232	—	

*Including Municipal Boroughs of Durham, Hartlepool, Jarrow and Stockton.

and the 1970s, the number of people living in poverty increased from 11.1% to 13.1%, while the number of people living below the official poverty line increased from 12.5% to 15.1%.

Year	Poverty line (\$)	Poverty rate (%)	
		Official Poverty Line	Below Poverty Line
1960	3,000	11.1	12.5
1965	3,300	11.3	12.7
1970	3,600	11.5	13.0
1975	4,000	11.7	13.3
1980	4,300	11.9	13.6
1985	4,600	12.1	13.9
1990	4,900	12.3	14.2
1995	5,200	12.5	14.5
2000	5,500	12.7	14.8
2005	5,800	12.9	15.1

Source: U.S. Bureau of the Census, *Poverty in the United States: A Statistical Report to Congress*, 2006, Table 1.

TABLE E.

Comparative Vital Statistics, Administrative County of Durham and England and Wales, 1961.

		Rates per 1,000 Population.		Rates per 1,000 Live Births.		Rates per 1,000 Total (Live and Still) Births.	
		DEATHS		DEATHS			
All Causes	Still Births	Typhoid and Paratyphoid	Cough	Diphtheria	Tuberculosis	Influenza	Pneumonia
LIVE Births							
DURHAM COUNTY . . .	18.2	0.31	11.2	—	0.001	—	0.08
*ENGLAND & WALES	17.4	0.33	12.0	0.00	0.00	0.07	0.15

Under one year—All causes

Entertitis and Diarrhoea

Under 2 years

Maternal Mortality

* Provisional † Not available.

